

QBASIC PROGRAMS (Class - V)

1. Write a program to INPUT two numbers and PRINT their sum.

```
REM ** Number**  
CLS  
INPUT "Enter any two numbers"; A,B  
LET sum =A +B  
PRINT sum  
END
```

2. Write a program to INPUT any three numbers and PRINT their sum .

```
REM ** numbers **  
CLS  
INPUT "Enter any three numbers "; A , B ,C  
LET SUM = A+B+C  
PRINT SUM  
END
```

3. Write a program to INPUT any four numbers and PRINT the sum of the first two numbers and product of the last two numbers.

```
REM ** Numbers **  
CLS  
INPUT "Enter any four numbers"; A , B , C , D  
LET SUM = A + B  
LET PRODUCT = C * D  
PRINT SUM  
PRINT Product  
END
```

4. Write a program to INPUT any three numbers and PRINT the sum and average in different lines .

```
REM ** Numbers **  
CLS  
INPUT "Enter any three numbers " ; A , B , C  
LET SUM = A + B + C  
LET AVG = SUM / 3  
PRINT SUM  
PRINT AVG  
END
```

5. Write a program to INPUT any four numbers and PRINT the difference of the first two numbers and product of the last two numbers .

```
REM ** NUMBERS **  
CLS  
INPUT "Enter any four numbers "; A, B , C , D  
LET DIFF = A – B  
LET PRO = C * D  
PRINT "DIFFERENCE " ;DIFF  
PRINT "PRODUCT " ; PRO  
END
```

6. Write a program to INPUT three subject marks of a student and PRINT the total mark, average and percentage.

```
REM ** MARKS **  
CLS  
INPUT " ENTER ANY THREE SUBJECTS MARK " ; A , B , C  
INPUT "ENTER MAXIMUM MARKS " ; M  
LET TM= A + B + C  
LET AV = TM/3  
LET P = TM/M * 100  
PRINT TM  
PRINT AV  
PRINT P  
END
```

7. Write a program to INPUT the side of a square and PRINT its area and perimeter in different lines .

```
REM ** Numbers **
CLS
INPUT "Enter any side "; S
LET AREA = S * S
LET Peri = 4 * S
PRINT AREA
PRINT Peri
END
```

8. Write a program to INPUT the principal amount , time and the rate of interest and PRINT the simple interest .

```
REM ** SIMPLE INTEREST **
CLS
INPUT " Enter any Principal "; p
INPUT " Enter Time " ; T
INPUT " ENTER RATE "; R
LET SI = ( P * T* R )/100
PRINT " SIMPLE INTEREST " ; SI
END
```

9. Write a program to INPUT the principal amount, time and rate of interest and PRINT the simple interest and total amount in different lines .

```
Rem ** simple interest **
CLS
INPUT " Enter principal "; P
INPUT " Enter time " ; T
INPUT " Enter rate "; R
LET SI = (P*T*R)/100
LET A = P +SI
PRINT "SIMPLE INTEREST " ; SI
PRINT "AMOUNT " ; A
END
```

10. Write a program to INPUT any number and PRINT the last digit of that number .

```
REM ** NUMBER **
CLS
INPUT " ENTER ANY NUMBER " ; N
LET T = N MOD 10
PRINT T
END
```

11. Write a program to INPUT two numbers and PRINT the sum of the last digit of the numbers.

```
REM ** NUMBER **
CLS
INPUT " ENTER ANY TWO NUMBER " ; A , B
LET T = A MOD 10
LET S = B MOD 10
LET SUM = T + S
PRINT SUM
END
```

12. Write a program to INPUT three numbers and PRINT the sum and average of the last digit of those numbers.

```
REM ** NUMBER **
CLS
INPUT "ENTER ANY THREE NUMBER " ; A , B , C
LET T = A MOD 10
LET S = B MOD 10
LET P = C MOD 10
LET SUM = T +S+P
LET AV = SUM / 3
PRINT SUM
PRINT AV
END
```

13. Write a program to INPUT the sides of a triangle and PRINT the perimeter.

```
Rem ** numbers**
CLS
INPUT "Enter sides "; A ,B , C
LET P = A + B +C
PRINT "PERIMETER "; P
END
```

14. Write a program to INPUT any number and PRINT 20% of that number.

```
REM ** NUMBER **
CLS
INPUT "ENTER ANY NUMBER "; N
LET P = (20/100)* N
PRINT P
END
```

15. Write a program to INPUT the length and breadth of a rectangle and PRINT the area and perimeter in different lines.

```
REM ** NUMBERS **
CLS
INPUT " Enter any length and Breadth " ; L ,B
LET AREA = L * B
LET P = 2 * (L + B )
PRINT AREA
PRINT "PERIMETER " ; P
END
```

16. Write a program to INPUT three numbers and PRINT 30% of their average .

```
REM ** NUMBERS **
CLS
INPUT " ENTER ANY THREE NUMBERS ";A,B,C
LET AV = ( A +B +C)/3
LET P = 30/100 * P
PRINT P
END
```

17. Write a program to INPUT length and breadth of a rectangle and PRINT 20% of its area and 40% of its perimeter .

```
REM ** NUMBERS **
CLS
INPUT "ENTER ANY LENGTH AND BREADTH "; L , B
LET AREA = L * B
LET PERI = 2 *(L + B )
LET T = 20/100 * AREA
LET P = 30/100 * PERI
PRINT T
PRINT P
END
```

18. Write a program to INPUT two numbers and PRINT 25% of their sum .

```
REM** NUMBERS **
CLS
INPUT "ENTER ANY TWO NUMBERS "; A,B
LET SUM = A + B
LET P = 25/100 * SUM
PRINT P
END
```

19. In a class of 60 students 35% are girls .Now write a program to PRINT the total number of boys .

```
REM ** NUMBER**
CLS
LET T = 60
LET G = 35/100 * T
LET B = T - G
PRINT B
END
```

20. In a society there are 1000 people out of which 40 % are men, 35% are women .Now write a program to PRINT the total numbers of children .

```
REM ** NUMBERS **
CLS
LET T = 1000
LET M = 40/100 * T
LET W = 35/100 * T
LET C = T - (M + W)
PRINT C
END
```

**21. Write a program to PRINT the area of a circle by taking radius as the INPUT.
(The value of pi=3.14) (formula = pi * r * r)**

```
REM ** NUMBER **
CLS
INPUT " ENTER RADIUS "; r
LET pi = 3.14
LET AREA = pi * r * r
PRINT AREA
END
```

**22. Write a program to PRINT the circumference of a circle by taking radius as the INPUT .
(pi = 3.14) (Formula = 2 * pi * r)**

```
REM ** NUMBER **
CLS
INPUT "ENTER RADIUS "; r
LET Pi = 3.14
LET C = 2 * pi * r
PRINT " CIRCUMFERENCE = "; C
END
```

23. A man got a lottery of Rs. 50000, out of which he has given 35% to his wife. Now write a program how much money is left with him.

```
REM ** MONEY LEFT **
CLS
LET T = 50000
LET R = 35/100 * T
LET M = T - R
PRINT M
END
```

24. After getting a salary of Rs. 80000, a man has given 35% to his elder son and 25% to his younger son. Write a program to PRINT how much money each of them got.

```
REM ** MONEY RECEIVED **
CLS
LET T = 80000
LET E = 35/100 * T
LET Y = 25/100 * T
PRINT E
PRINT Y
END
```

25. Write a program to INPUT any number and PRINT the sum of its 10% and 20% .

```
REM** NUMBERS **
CLS
INPUT " ENTER ANY NUMBER "; N
LET T = 10/100 * N
LET P = 20/100 * N
LET SUM = T + P
PRINT SUM
END
```