**BASIC PROGRAMMS:-**

1. Calculate area of a rectangle. .(Formula :- L\*B)
2. Calculate area of a square.(Formula :- L\*L)
3. Calculate area of a circle.(Formula :- pi\*r\*r)
4. Calculate average of 5 numbers.
5. Check whether number is even or odd.
6. Take a year and check whether it is leap year or not
7. Take a number and check whether it is zero, positive or negative.
8. Take 2 numbers and display greatest number. (Also check equal number condition)
9. Take age from the user and whether it is less than 18 or not. If it is less than 18 then print not eligible for vote.
10. Take a number and find factorial of that number.
11. Write a program to swap 2 numbers using third variable.
12. Take 2 numbers and find smallest number.
13. Take a number check if a number is less than 100 or not. If it is less than 100 then check if it is odd or even.
14. Take a number to print the square of a number if it is less than 10.
15. Take a number and check whether it is zero, positive or negative using nested IF…ELSE statement .
16. Take 3 numbers and find greatest number using nested IF….ELSE statement.
17. Take 3 numbers and find smallest number using logical operator.
18. Take a number. Generate multiplication table of that number.
19. Take a number and calculate sum of natural numbers.
20. Take a number from the user. If user enter 1 then print Monday, 2 then print Tuesday and so on….
21. Take a choice from the user between 1 to 12.If user enter 1 then print January, 2 then print February and so on… (Use switch case)
22. Make a simple calculator using switch case.
    1. 1.Addition
    2. 2.Subtraction
    3. 3.Multiplication
    4. 4.Division
23. Take 5 numbers and calculate percentage. According to that percentage print grade.

* If marks <50 then **Grade** is F.
* if marks >=50 <60 then **Grade** is D.
* if marks >=60 <70 then **Grade** is **C**.
* if marks >=70 <80 then **Grade** is B.
* if marks >=80 <90 then **Grade** is A.
* if marks >=90 then **Grade** is A+