

S.S.C.C.S.
TY BCA

Prepare the following program.

1. WAP to Assign 6 subject marks and print the total and average and class of student and apply the following condition for the class
 - a. Average ≥ 70 Distinctions
 - b. Average ≥ 60 First Class
 - c. Average ≥ 48 Second Class
 - d. Average ≥ 40 Pass
 - e. Average < 40 Fail

2. WAP to calculate telephone bill. Apply the following condition
 - No of Call Bill Amt
 - a. ≤ 100 0
 - b. > 100 1
 - c. > 200 1.5
 - d. > 300 2
 - e. > 400 2.5
 - f. > 500 3

3. WAP to display palindrome number between 1 to 1000.
4. WAP to display prime no between 1 to 1000.
5. WAP to display Armstrong number between 1 to 1000.
6. WAP to perform bitwise operator for bitwise and, or, not and xor of 15 and 10 number and print the output.
7. WAP to perform 3x3 matrix multiplication.
8. WAP to display following output (use while, do while and for loop respectively)

*	1	A
* *	1 2 1	A B
* * *	1 2 3 2 1	A B C
* * * *	1 2 3 4 3 2 1	A B C D
* * * * *	1 2 3 4 5 4 3 2 1	A B C D E