

S.S.C.C.S.

Prepare the following program.

1. WAP to print your address center of the screen.
2. WAP to Input any two numbers from user and print addition, subtraction, multiplication and division of that two number.
3. WAP to Input 6 subject marks and print the total and average of student.
4. WAP to input student roll no, name, exam date and 7 subject marks and print the output as following.

SHREE SWAMINARAYAN COLLEGE OF COMPUTER SCIENCE

Roll No :- _____
Name :- _____ Exam Date :- _____

Subject	Maximum	Minimum	Obtain
101	100	40	60
.	.	.	.
.	.	.	.
107	.	.	.
TOTAL :- _____		Average :- _____	

5. WAP to enter any number and check weather it is divisible by 7 or not.
6. WAP to enter any number and check weather it is odd or even.
7. WAP to enter any number and check the following condition.
 - a. No is divisible by 7 and 9 both
 - b. No is divisible by 7 only
 - c. No is divisible by 9 only
 - d. No is not divisible by 7 and 9
8. WAP to enter 3 numbers and print the maximum Number.
9. WAP to enter principle amount, interest rate and no of year/month/day and calculate simple interest. (Calculate simple interest of year, month and day.
Hint simple interest = $PRN/100$)
10. WAP to swap the value of variable.
11. 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

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12. WAP to calculate income tax. Apply the following condition.

Income	Tax
a. ≤ 100000	No - Tax
b. > 100000 and ≤ 200000	10% of income
c. > 200000 and ≤ 300000	20% of income
d. > 300000	25% of income.

13. WAP to enter basic salary and find gross salary (G.S. = BASIC SALARY + HRA + DA - PF)

Apply the following condition.

1. HRA 10% OF BASIC SALARY
2. DA 6% OF BASIC SALARY
3. PF 5% OF BASIC SALARY

14. WAP to enter any number and check weather number is zero, positive or negative.

15. P to enter no and print reverse of that number.

16. WAP to enter no and check weather it is prime or not.

17. WAP to enter no and check weather it is Armstrong or not.

18. WAP to enter no and check weather it is Palindrome or not.

19. WAP to enter no, if it is in your database then print that record otherwise print the appropriate message.

20. WAP to enter no, if it is in your database then permanently remove that record other wise print the appropriate message.

21. WAP to display palindrome number between 1 to 1000.

22. WAP to display prime no between 1 to 1000.

23. WAP to display Armstrong number between 1 to 1000.

24. WAP to display number and reverse of that number between 1 to 100.

25. WAP to display following output (use both do while and for loop)

```
* * * * *      *      1
* * * * *      * *     2 2
* * * * *      * * *    3 3 3
* * * * *      * * * *   4 4 4 4
* * * * *      * * * * * 5 5 5 5 5

1 2 3 4 5      *      5 4 3 2 1      * * * * *
1 2 3 4        * *     5 4 3 2      * * * *
1 2 3          * * *    5 4 3        * * *
1 2            * * * *   5 4          * *
1              * * * * * 5            *
```

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*	1	A	ABCDE
* *	1 2 1	AB	ABCD
* * *	1 2 3 2 1	ABC	ABC
* * * *	1 2 3 4 3 2 1	ABCD	AB
* * * * *	1 2 3 4 5 4 3 2 1	ABCDE	A

1	ABCDEEDCBA	A	A
2 3	ABCD DCBA	AB	BA
4 5 6	ABC CBA	ABC	CBA
7 8 9 10	AB BA	ABCD	DCBA
11 12 13 14 15	A A	ABCDEEDCBA	

```

ABCDEEDCBA
ABCD DCBA
ABC CBA
AB BA
A A
AB BA
ABC CBA
ABCD DCBA
ABCDEEDCBA
    
```