

Clean Code Programs

1. WAP to print the sum of the numbers 3,4, & 5.
2. WAP to print the ASMDM of the Numbers 12 & 7.
3. Print your name in Double Quotes.
4. Take two Integer inputs from the user and Perform ASMDM.
5. WAP to print String in Double Quotes.
6. Take Length and width from the user and find the area and perimeter of the rectangle.
7. Take one Alphabet from the user and print it's ASCII Value.
8. WAP to assign a value of 100.25 to a double type variable and convert it into Integer type.
9. WAP to add 3 to the ASCII value of the character 'd' and print the equivalent alphabet.
10. Take two integer inputs from the user. First calculate the sum of two then product of two. Finally print the sum and product of both obtained results.

11. WAP to swap two values using the third Variable.
12. WAP to swap two values without using a third variable.
13. WAP to swap three values using the fourth variable.
14. WAP to swap three values without using the fourth variable.
15. WAP to Find Number is even or odd using ternary Operator.
16. WAP to find max Number from three Number using ternary Operator.
17. WAP to convert Fahrenheit to Celsius
$$C = ((F-32)*5)/9$$

Conditional Statements

- 18 1. Take Length and width from the user and check its rectangle or square.
- 19 2. Take two integer inputs from the user and find greater from that.
- 20 3. Take any one number from the user and check the enter number is EVEN or ODD.
- 21 4. Take any one Alphabet from the user and check its vowel and Consonant.

- 22 5. Take Age from the user and check if he/she is eligible for voting or not.
- 23 6. WAP to print both numbers is Equal or Not Without using Comparison Operator.
- 24 7. A shop will give a discount of 10% if the cost of the quantity purchased is more than 1000.
Ask user for quantity
Suppose One unit will cost 100.
Judge, and print total cost for the user.
- 25 8. A company decides to give a bonus of 5% to an employee if his/her year of service is more than 5 years. Ask users for their salary and year of service and print the net bonus amount.
- 26 9. Take 5 subject marks from user and calculate its average
it average is Below 32 then Fail
 32 to 50 then third class
 50 to 65 then second class
 65 to 75 then first class
 75 above Distinction
- 27 10. Take Three integer input from the user and find Greater from that.
- 28 11. A Student will not be allowed to sit in exam hall if his/her attendance is less than 75%
Take Following input from user
Number of classes held by teacher
Number of classes attend by student
And the print percentage of classes attended by students are allowed or not.

- 29 12. WAP to check the entered alphabet is a vowel or consonant using switch case.
- 30 13. WAP to check the enter number is even or odd using a switch case.
- 31 14. WAP to perform ASMDM using Switch case.
- 32 15. WAP if the entered alphabet is in uppercase then convert it into lower and if enter alphabet is in lowercase then convert it into uppercase.

Looping

- 33 1. WAP to Print your name ten times.
- 34 2. 1 2 3 4 5 6 7 8 9 10
- 35 3. 10 9 8 7 6 5 4 3 2 1
- 36 4. 1 3 5 7 9 11 13 15 17 19
- 37 5. 2 4 6 8 10 12 14 16 18 20
- 38 6. 0 5 10 15 20 25 30
- 39 7. 1 4 9 16 25
- 40 8. 1 8 27 64 125
- 41 9. WAP to divide number by 4 without using division Operator.
- 42 10. WAP to print addition of 1 to 10 numbers.

- 43 11. Take two inputs from user and do addition and multiplication of both

Ex: num1 = 5

Num2 = 10

Then addition = 45

Multiplication = 151200

- 44 12. Take Any One number from user and find factorial of that

Ex: num1 = 5 = 120

- 45 13. Take any one number from user and print its table

Num1 = 5 5 * 1 = 5

5 * 2 = 10

|

|

5 * 10 = 50

- 46 14. Take integer input from user and print enter number is Armstrong or not

Ex: num1 = 123

3*3*3 = 27

2*2*2 = 8

1*1*1 = 1

Addition is = 36

User enter Number is 123 and addition is 36 so Not an Armstrong Number but 153 is an Armstrong number.

- 47 15. Take int input from user and check number is palindrome number or not

Ex: num1 = 121 is Palindrome

num1 = 12321 is palindrome

num1 = 123 is not

Q8 16. Take integer input from user and separate even and odd from that.

Ex: 54321

5 is odd

4 is even

3 is odd

2 is even

1 is odd

Q9 17. print Fibonacci series

0 1 1 2 3 5 8 13 21 34 55 89

0 1 1 2 4 7 13 24 44 81 149

Nested Looping

Q10 1.

```
* * * * *
* * * * *
* * * * *
```

Q11 2.

```
*
* *
* * *
* * * *
* * * * *
```

Q12 3.

```
* * * * *
* * * *
* * *
* *
*
```


53 4. *

 * *

 * * *

 * * * *

 * * * * *

54 5. *

 * * *

 * * * * *

55 6. * * * * *

 * *

 * *

 * *

 * * * * *

56 7. 1

 1 2

 1 2 3

 1 2 3 4

 1 2 3 4 5

57 8. 1

 2 2

 3 3 3

 4 4 4 4

 5 5 5 5 5

58 9. 1
2 3
4 5 6
7 8 9 10

59 10. 1 2 3 4 5
1 2 3 4
1 2 3
1 2
1

60 11. A
AB
ABC
ABCD
ABCDE

61 12. A
BC
DEF
GHIJ
KLMNO

62 13. EDCBA
EDCB
EDC
ED
E

63 14. A
B B
C C C
D D D D
E E E E E

64 15. WAP to check if the entered number is a prime number or not.

65 16. Take Two integer input from user and print all number of table's

Ex: num1 = 3

Num2 = 7

Print table of 3 4 5 6 7

Array

66 1. Take N number of input and store it in an array.

67 2. Do addition and multiplication of all array elements to print its answer.

68 3. Find Maximum and minimum number from array.

69 4. WAP to do addition and multiplication of all even numbers only and odd numbers from the user enter array.

5. WAP to check if the entered string is palindrome or not.
6. WAP for register demo asks user to enter password. If password length is more than 7 digits then only ask to confirm password, compare password and confirm password if both are equal then register success else fail.
7. WAP to sort array elements.
8. WAP to search any elements from the array.
9. WAP to insert elements into Array.
10. WAP to reverse an Array.
11. WAP to delete entered elements from the array.
12. Merge two array in one array
13. Do Addition of two Array
14. WAP for two-Dimensional Array.
15. Matrix Multiplication of Two Array.