1. Write a program to print a “WELCOME” message.
2. Write a program to add two number.
3. Write a program to multiply two number.
4. Write a program to divide two number.
5. Write a program to find out the average of two number.
6. Write a program to find out the area of a right angle triangle.
7. Write a program to find out the area of a circle.
8. Write a program to enter the second and convert it into time.
9. Write a program to enter the days and convert it into year.
10. Write a program to convert upper case character to lower case character.
11. Write a program to convert lower case character to upper case character.
12. Write a program to convert temperature from Fahrenheit to centigrade.
13. Write a program to enter a floating number and separate the integer part & decimal part.
14. Write a program to find out solution of a quadratic equation.
15. Write a program to find out area of a triangle.
16. Write a program to find out the area of parameter of a cylinder.
17. Write a program to swap two number by using third variable.
18. Write a program to swap two number by using +/- operator.
19. Write a program to swap two number by using \*// operator.
20. Write a program to swap two number by using bit-wise operator.
21. Write a program to find out greatest among two number.
22. Write a program to check whether a number is even or odd.
23. Write a program to check whether a year is leap or not.
24. Write a program to check whether a person is major or minor.
25. Write a program to find out greatest among three number.
26. Write a program to enter a character and check which type of character is entered.
27. Write a program to enter three sides of a triangle and check which type of triangle.
28. Write a program to calculate electric bill of a customer if unit is given ;

**UNIT** **BILL**

0-99 b=2.5\*u+25

100-199 b=3.5\*u+50

200-299 b=5.2\*u+75

300-399 b=7.5\*u+100

u>400 b=9.5\*u+200

1. Write a program to find out greatest among two number by using conditional operator.
2. Write a program to check whether a number is even or odd by using conditional operator.
3. Write a program to check whether a year is leap or not by using conditional operator.
4. Solve this using conditional operator.

Y= { 4x+3 x<0

3x2+2 Otherwise

1. Write a program to find out greatest among three number by using conditional operator.
2. Write a program to enter the secured mark of three subjects and also enter the full mark of each subject then calculate the percentage. According to percentage print the grade in BPUT format.
3. Write a program to enter a character & check whether the character is consonant or vowel.
4. Write a program to enter a number & according to the number print equivalent day.
5. Write a program to enter a number & according to the number print equivalent month.
6. Write a program to check whether a number is even or odd by using switch case.
7. Write a program to enter a character & check whether the character is consonant or vowel by using switch case.
8. Write a program to enter the percentage and print the grade according to the BPUT format by using switch case.
9. Write a program to calculate electric bill of a customer by using switch case.
10. Write a program to print your name without using semicolon in a program.
11. Write a program to print your name 10 times.
12. Write a program to print 1 to 100.
13. Write a program to add 1 to 100.
14. Write a program to print 100 to 1.
15. Write a program to print all the even number between 1 to 100.
16. Write a program to print all the odd number between 1 to 100.
17. Write a program to add all the even number & multiply all the odd no between 1 to 100.
18. Write a program to enter a number find out its factorial.
19. Write a program to print all the factors of a number.
20. Write a program to add all the factors of a number.
21. Write a program to check whether a number is perfect or not.
22. Write a program to count all the factors of a number.
23. Write a program to check whether a number is prime number or not.
24. Write a program to find out the XY.
25. Write a program to enter two number & print the Fibonacci series up to nth number of term.
26. Write a program to find out GCD of two number.
27. Write a program to find out LCM of two number.
28. Write a program to check whether a number is Armstrong number or not.
29. Write a program to check whether a number is Strong number or not.
30. Write a program to check whether a number is Palindrome number or not.
31. Write a program to check whether a number is Mirror number or not.
32. Write a program to check whether a number is Nasal number or not.
33. Write a program to check whether a number is Special number or not.
34. Write a program to find out reverse of a number.
35. Write a program to multiply two number without using \* operator.
36. Write a program to add two number without using + operator.
37. Write a program to print all the digits of a number.
38. Write a program to add all the digits of a number.
39. Write a program to print from 1 to 100 except the number divisible by 3.
40. Write a program to print from 1 to 20 till the number divisible by 4.
41. H
42. K
43. K
44. M
45. Write a program to print the structure

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1. Write a program to print the structure

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1. Write a program to print the structure

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1. Write a program to print the structure

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**SOL:-**

#include<stdio.h>

void main()

{

int r,c,s;

for(r=1;r<=4;r++)

{

for(s=1;s<=4-r;s++)

{

printf(" ");

printf(" ");

}

for(c=1;c<=2\*r-1;c++)

{

printf(" ");

printf("\*");

}

printf("\n");

}

for(r=1;r<=3;r++)

{

for(s=1;s<=r;s++)

{

printf(" ");

printf(" ");

}

for(c=1;c<=7-2\*r;c++)

{

printf(" ");

printf("\*");

}

printf("\n");

}

}

1. Write a program to print the structure

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1. Write a program to print the structure

1

1 2

1 2 3

1 2 3 4

1. Write a program to print the structure

1

2 2

3 3 3

4 4 4 4

1. Write a program to print the structure of

4

3 3

2 2 2

1 1 1 1

1. Write a program to print the structure

4

4 3

4 3 2

4 3 2 1

1. Write a program to print the structure

1

2 1

3 2 1

4 3 2 1

1. Write a program to print the structure

1 2 3 4

1 2 3

1 2

1

1. Write a program to print the structure

4 3 2 1

4 3 2

4 3

4

1. Write a program to print the structure

1 1 1 1

2 2 2

3 3

4

1. Write a program to print the structure

4 4 4 4

3 3 3

2 2

1

1. Write a program to print the structure

9 8 7 6

5 4 3

2 1

0

1. Write a program to print the structure

0

1 2

3 4 5

6 7 8 9

1. Write a program to print the structure

A

A B

A B C

A B C D

1. Write a program to print the structure

A

B B

C C C

D D D D

1. Write a program to print the structure

A B C D

A B C

A B

A

1. Write a program to print the structure

D C B A

D C B

D C

D

1. Write a program to print the structure

A A A A

B B B

C C

D

1. Write a program to print the structure

A

B C

D E F

G H I J

1. Write a program to print the structure

1

1 2

1 2 3

1 2 3 4

1. Write a program to print the structure

4

3 4

2 3 4

1 2 3 4

1. Write a program to print the structure

4

4 3

4 3 2

4 3 2 1

1. Write a program to print the structure

1

2 2

3 3 3

4 4 4 4

1. Write a program to print the structure

4

3 3

2 2 2

1 1 1 1

1. Write a program to print the structure
2. Write a program to print the structure

1

2 1

3 2 1

4 3 2 1