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1-

#include<iostream>

using namespace std;

int main()

{

float fahrenheit, celsius;

cout << "Enter the temperature in Celsius : ";

cin >> celsius;

fahrenheit = (celsius \* 9.0) / 5.0 + 32;

cout << "The temperature in Celsius : " << celsius << endl;

cout << "The temperature in Fahrenheit : " << fahrenheit << endl;

return 0;

}

2- output will be 10 because character with value 12 in octal, is 10 in decimal..

3-

#include<iostream>

using namespace std;

int main()

{

int a, b;

cin>>a>>b;

if(a==b)

cout<<"equal";

else

cout<<"unequal";

}

4-

#include<iostream>

using namespace std;

int main()

{

int a, b;

cin>>a>>b;

if(a<b)

cout<<a<<" is minimum and"<<b<<" is maximum";

else

cout<<b<<" is minimum and "<<" a is maximum";

return 0;

}

5-

#include<iostream>

using namespace std;

int main()

{

int no,i=0;

cout<<"Enter the no";

cin>>no;

while(no>=4)

{

no=no-4;

i++;

}

cout<<"qoutient is "<<i;

return 0;

}

6-

#include<iostream>

using namespace std;

int main()

{

int sum=0;

for(int i=1;i<=100;i++)

{

cout<<i<<endl;

sum=sum+i;

}

cout<<"sum is :"<<sum;

return 0;

}

7-

#include <iostream>

using namespace std;

int main()

{

int a, b, i, j, flag;

cout << "Enter lower bound of the interval: ";

cin >> a;

cout << "\nEnter upper bound of the interval: ";

cin >> b;

cout << "\nPrime numbers between "

<< a << " and " << b << " are: ";

for (i = a; i <= b; i++)

{

if (i == 1 || i == 0)

continue;

flag = 1;

for (j = 2; j <= i / 2; ++j) {

if (i % j == 0) {

flag = 0;

break;

}

}

if (flag == 1)

cout << i << " ";

}

return 0;

}

8-

# include <iostream>

using namespace std;

int main()

{

char op;

float num1, num2;

cout << "Enter operator either + or - or \* or /: ";

cin >> op;

cout << "Enter two operands: ";

cin >> num1 >> num2;

switch(op)

{

case '+':

cout << num1+num2;

break;

case '-':

cout << num1-num2;

break;

case '\*':

cout << num1\*num2;

break;

case '/':

cout << num1/num2;

break;

default:

cout << "Error";

break;

}

return 0;

}

9-

# include <iostream>

using namespace std;

int main()

{

int f=1,no;

cout<"enter the no";

cin>>no;

for(int i=1;i<=no;i++)

{

f=f\*i;

}

cout<<"factorial is "<<f;

return 0;

}

10-

#include <iostream>

using namespace std;

int main()

{

int n, num, digit, rev = 0;

cout << "Enter a positive number: ";

cin >> num;

n = num;

do

{

digit = num % 10;

rev = (rev \* 10) + digit;

num = num / 10;

} while (num != 0);

if (n == rev)

cout << " The number is a palindrome.";

else

cout << " The number is not a palindrome.";

return 0;

}