Write a C++ program to do the following :

1. prompts the user to enter the number of lines to draw a ***triangle*** of stars upside down

#include <iostream>

using namespace std;

int main()

{

int line;

cout<<"enter number of lines : ";

cin>> line;

for(int i=line;i>=1;i--)

{

for(int j=0; j<i; j++)

cout<<"\*";

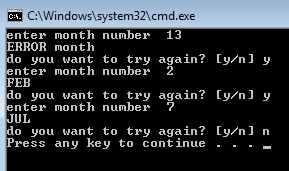
cout<<endl;

}

return 0;

}

1. ask the user to enter an integer from 1-12 and displays equivalent month . **If the user enters an invalid number, print an error message.** And ask him if he want to do it again or to stop



#include <iostream>

using namespace std;

void main()

{

int mon;

char cho;

do{

cout<<"enter month number ";

cin>> mon;

switch (mon)

{

case 1: cout<<"JAN"<<endl; break;

case 2: cout<<"FEB"<<endl; break;

case 3: cout<<"MAR"<<endl; break;

case 4: cout<<"APR"<<endl; break;

case 5: cout<<"MAY"<<endl; break;

case 6: cout<<"JUN"<<endl; break;

case 7: cout<<"JUL"<<endl; break;

case 8: cout<<"AUG"<<endl; break;

case 9: cout<<"SEPT"<<endl; break;

case 10: cout<<"OCT"<<endl; break;

case 11: cout<<"NOV"<<endl; break;

case 12: cout<<"DEC"<<endl; break;

default:cout<<"ERROR month "<<endl;

}

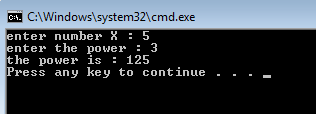
cout <<"do you want to try again? [y/n] ";

cin>>cho;

}while(cho=='Y' || cho=='y');

}

1. calculate x raised to the y power. (i.e. ) both numbers are entered from the user



#include <iostream>

using namespace std;

void main()

{

int x , y ,pow=1;

cout<<"enter number X : ";

cin>>x;

cout <<"enter the power";

cin>>y;

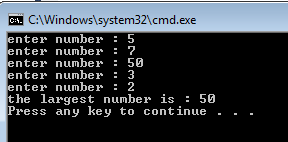
for(int i= 1;i<=y;i++)

{ pow\*=x;}

cout<<pow;

}

1. Ask the user to enter 5 numbers then print the largest



#include <iostream>

using namespace std;

void main()

{

int x, max;

cout<<"enter number : ";

cin>>x;max=x;

for(int i = 1;i<5;i++)

{ cout<<"enter number : ";

cin>>x;

if (x>max)

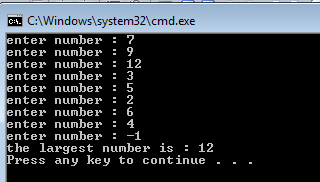
max=x;

}

cout<<"the largest number is : " <<max<<endl;

}

1. Chang the previous program to deter main the large number for unknown set of numbers .



#include <iostream>

using namespace std;

void main()

{

int x, max;

cout<<"enter number : ";

cin>>x;max=x;

while (x!= -1 )

{ cout<<"enter number : ";

cin>>x;

if (x>max)

max=x;

}

cout<<"the largest number is : " <<max<<endl;

}