**/\* 6. Write a function to find whether a given no. is prime or not use the same to generate prime no. less than 100 \*/**

using namespace std;

#include<iostream>

void pryme(int n)

{int prime;

for(int i=2;i<=n/2;i++)

{if(n%i==0)

{prime=1;}}

if(prime==1)

cout<<"non prime \n ";

else

cout<<"prime \n ";

return;}

int main()

{int prime,i,j,n;

cout<<"enter the no.";

cin>>n;

cout<<"\n entered no. is ";

pryme(n);

cout<<"prime no. b/w 1 to 100 :";

for(i=2;i<100;i++)

{ prime =1;

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

{if(i%j==0)

{prime=0;

break;

}

}

if(prime!=0)

cout<<i<<",";}

system("pause");

return 0;

}

Output :-

