1.All prime no (py)

lower\_value = int(input ("Enter the Lowest Range Value: "))

upper\_value = int(input ("Enter the Upper Range Value: "))

print ("The Prime Numbers in the range are: ")

for number in range (lower\_value, upper\_value + 1):

if number > 1:

for i in range (2, number):

if (number % i) == 0:

break

else:

print (number)

2.Armsstrong no (c program)

#include<stdio.h>

#include<math.h>

int Armstrong(int n){

if(n>0)

return(pow(n%10,3)+Armstrong(n/10));

}

int main(){

int n;

printf("Enter the number:");

scanf("%d",&n);

if(Armstrong(n)==n)

printf("it is an armstrong no");

else

printf("It is not a armstrong no");

}

3.Copy a string (c program)

#include<stdio.h>

void copy(char[],char[],int);

int main(){

char a[20],b[20];

printf("Enter a string:");

scanf("%s",a);

copy(a,b,0);

printf("copied\n");

printf("1st string is: %s\n",a);

printf("2nd string is: %s\n",b);

return 0;

}

void copy(char a[],char b[],int n){

b[n]=a[n];

if(a[n]=='\0')

return;

copy(a,b,n+1);

}

4.Factorial (c program)

#include<stdio.h>

long int fact(int n);

int main(){

int n;

printf("Enter a positive no:");

scanf("%d",&n);

printf("Factorial of %d is %d",n,fact(n));

return 0;

}

long int fact(int n){

if(n>=1)

return n\*fact(n-1);

else

return 1;

}

5.Fibonacci series (c program)

#include<stdio.h>

int main(){

int i,n,a=0,b=1,c;

printf("Enter the number of terms:");

scanf("%d",&n);

printf("Fibonacci series is:");

for(i=1;i<=n;i++){

printf("%d ",a);

c=a+b;

a=b;

b=c;

}

return 0;

}

6.GCD (c program)

#include<stdio.h>

int cal(int a,int b);

int main(){

int a,b;

printf("Enter two positive no:");

scanf("%d %d",&a,&b);

printf("GCD of %d and %d is %d",a,b,cal(a,b));

return 0;

}

int cal(int a,int b){

if(b!=0)

return cal(b,a%b);

else

return a;

}

7.Largest element in a array (c program)

#include<stdio.h>

int main(){

int n,i;

double a[100];

printf("Enter the no of elements:");

scanf("%d",&n);

for(i=0;i<n;i++){

printf("Enter the no %d:",i+1);

scanf("%d",&a[i]);

}

for(i=1;i<n;i++){

if(a[0]<a[i]){

a[0]=a[i];

}

}

printf("Largest no is:%d",a[0]);

return 0;

}

8.Reverse no (c program)

#include<stdio.h>

void rev(char \*s){

if(\*s){

rev(s+1);

printf("%c",\*s);

}

}

int main(){

char a[]="Good Evening";

rev(a);

return 0;

}

9.Prime or not (py)

a=int(input("Enter a number: "))

f=0

for i in range (2,a,1):

if a%i==0:

f=0

break

else:

f=1

break

if f==0:

print("Not prime")

else:

print("Prime")

10.String palindrome (py)

a=input("enter a string: ")

x=a[::-1]

if a==x:

print("palindrome")

else:

print("Not palindrome")