}

c=a+b;

cout<<c;

primechk(c);

a=b;

b=c;

}

}

int main()

{

int n;

cout<<"enter the number for required fibo terms";

cin>>n;

cout<<"\nfibonacci series\n;

#include<iostream>

#include<stdlib.h>

using namespace std;

void primechk(int a)

{int j;

if(a==0||a==1)

{cout<<"neither prime nor composite";

else

{

for(j=2;j<a;j++);

{ if(a%j==0)

{cout<<"\ncomposite";

break;

}

return 0;

}

c=a+b;

cout<<c;

primechk(c);

a=b;

b=c;

}

}

int main()

{

int n;

cout<<"enter the number for required fibo terms";

cin>>n;

cout<<"\nfibonacci series\n;

#include<iostream>

#include<stdlib.h>

using namespace std;

void primechk(int a)

{int j;

if(a==0||a==1)

{cout<<"neither prime nor composite";

else

{

for(j=2;j<a;j++);

{ if(a%j==0)

{cout<<"\ncomposite";

break;

}

return 0;

}

if(a==j)

cout<<"\nprime";

}

}

void fibo(int n)

{int a=-1,b=1,c=0;

for(int i=1;i<=n;i++;

{

cout<<endl;

fibo(n);

#include<iostream>

#include<cmath>

using namespace std;

int main()

{

int dec,d,i,temp,ch;

long int bin;

do

{

dec=bin=d=i=0;

cout<<"\n\n\t\tmenu\n1.decimal to binary numbers\n2.binary to decimal numbers\n3.exit\n";

cout<<"enter your choice(1/2/3)";

cin>>ch;

switch(ch)

{

case 1: cout<<"enter decimal number";cin>>dec;

temp=dec;

while(dec!=0)

{

d=dec%2;

bin+=d\*pow(10,i)

dec/=2;

i++;

}

cout<<temp<<"in decimal="<<bin<<"in binary"<<endl;break;

case 2: cout<<"enter binary number";cin>>bin;

temp=bin;

while(bin!=0)

[

d=bin%10;

dec+=d\*pow(2,i);

bin/=10;

i++;

}

cout<<temp<<"in binary="<<dec<<"in decimal"<<endl;

break;

case 3:break;

default:cout<<"invalid choice";

}

}while(ch!=3);

return 0;

}

#include<iostream>

using namespace std;

int main()

{

int n,num,digit,rev=0;

cout<<"enter a positive number";

cin>>num;

n=num;

while(num)

{

digit=num%10;

rev=(rev\*10)+digit;

num=num/10;

}

cout<<"the reverse of the number is"<<rev<<endl;

if(n==rev)

cout<<"the number is a palindrom";

else

cout<<"the number is not a palindrom":

return 0;

}

v#include<iostream>

using namespace std;

int main()

{

float percent;

int x;

cout<<"enter your percentage";

cin>>percent;

cout<<"you scored"<<percent<<"%"<<endl;

x=percent/10;

switch(x)

{

case 10:

case 9:

case 8:

cout<<"you have passed with distinction";

break;

case 7:

case 6:

cout<<"you have passed with first division";

break;

case 5:

cout<<"you have passed with second division";

break;

case 4:

cout<<"you have passed with third division";

break;

default:

cout<<"sorry:you have failed";

}

return 0;

}

a#include<iostream>

using namespace std;

int main()

{

float basic,gross,hra,da;

cout<<"enter basic salary of an employee";

cin>>basic;

if(basic<25000)

{

da=basic\*80/100;

hra=basic\*20/100;

}

else if(basic>=25000 && basic<40000)

{

da=basic\*90/100;

hra=basic\*25/100;

}

else if (bsic>=40000)

{

da=basic\*95/100;

hra=basic\*30/100;

}

gross=basic+da+hra;

cout<<"\tbasic pay........"<<basic<<endl;

cout<<"\tdearness allowance...."<<da<<endl;

cout<<"\thouse rent allowance..."<<hra<<endl;

cout<<"\t.............."<<endl;

cout<<"\tgross salary......"<<gross<<endl;

cout<<"\t........"<<endl;

return 0;

}