Name Jawad khan -----

Roll no p190053

Section A-----

TASK NO ----------------1;

#include<iostream>

#include<string>

using namespace std;

int main()

{

int birthday;

string mob;

cout <<"enter your birthday:" <<endl;

cin >> birthday;

cout <<"enter your mounthofbirth:" <<endl;

cin >> mob;

if(mob=="mar")

{

if(birthday>=21)

{

cout <<"Aries" <<endl;

}

else

{

cout << "pisces" <<endl;

}

}

if(mob=="Apr")

{

if(birthday>=21)

{

cout <<"Taurus" <<endl;

}

else

{

cout <<"Aries" <<endl;

}

}

if(mob=="May")

{

if(birthday>=21)

{

cout <<"Gemini" <<endl;

}

else

{

cout <<"Taurus" <<endl;

}

}

if(mob=="June")

{

if(birthday>=21)

{

cout <<"Cancer" <<endl;

}

else

{

cout <<"Gemini" <<endl;

}

}

if(mob=="july")

{

if(birthday>=23)

{

cout <<"Leo" <<endl;

}

else

{

cout << "cancer" <<endl;

}

}

if(mob=="Aug")

{

if(birthday>=23)

{

cout <<"Virgo" <<endl;

}

else

{

cout <<"Leo" <<endl;

}

}

if(mob=="Sept")

{

if(birthday>=23)

{

cout <<"Libra" <<endl;

}

else

{

cout <<"Virgo" <<endl;

}

}

if(mob=="Oct")

{

if(birthday>=23)

{

cout <<"Scorpio" <<endl;

}

else

{

cout <<"Lipra" <<endl;

}

}

if(mob=="Nov")

{

if(birthday>=23)

{

cout <<"Sagittarius" <<endl;

}

else

{

cout <<"Scorpio" <<endl;

}

}

if(mob=="Dec")

{

if(birthday>=22)

{

cout <<"Capricon" <<endl;

}

else

{

cout <<"Sagittarius" <<endl;

}

}

if(mob=="jan")

{

if(birthday>=20)

{

cout <<"Aquarius" <<endl;

}

else

{

cout << "Capricon" <<endl;

}

}

if(mob=="Feb")

{

if(birthday>=20)

{

cout <<"pisces"<<endl;

}

else

{

cout <<"Aquarius" <<endl;

}

}

system ("pause");

return 0;

}

TASK NO -----------------5;

#include<iostream>

using namespace std;

int main()

{

int ageofcandidate;

cout <<"enter the age of candidate:" <<endl;

cin >> ageofcandidate;

if(ageofcandidate>=20)

{

cout <<"the person is eligible for vote:" <<endl;

}

else

{

cout <<"the person is not for eligible for vote:" <<endl;

}

system("pause");

return 0;

}

TASK NO --------4;

#include<iostream>

using namespace std;

int main()

{

int x,y;

cout <<"enter the first coordinate point:" <<endl;

cin >> x;

cout << "enter the second coordinate point:" <<endl;

cin >> y;

if(x>0 && y>0)

{

cout <<"coordinates points lies in 1 quardrant:" <<endl;

}

else if (x>0 && y<0)

{

cout <<"coordinates points lies in 2 quardrants:" <<endl;

}

else if (x<0 && y>0)

{

cout << "coordinates points lies in 3 quardrants:" <<endl;

}

else if (x<0 && y<0)

{

cout <<"coordinates points lies in 4 quadrants:" <<endl;

}

system("pause");

return 0;

}

TASK NO --------3;

#include<iostream>

#include<string>

using namespace std;

int main()

{

int Rn,C,P,CA,b,p;

string N;

cout <<"enter the roll no of the student:" <<endl;

cin >> Rn;

cout <<"enter the name of student:" <<endl;

cin >> N;

cout << "marks in chemistry:" <<endl;

cin >> C;

cout << " marks in physics:" <<endl;

cin >> P;

cout << "marks in computer application:" <<endl;

cin >> CA;

b=C+P+CA;

cout << b << endl;

p=b\*100/300;

cout << p <<endl;

system("pause");

return 0;

}

Task no ------------6;

#include<iostream>

#include<string>

using namespace std;

int main()

{

int time,min,hours,x=12,y=1;

string a,b,c,d,n;

do

{

cout<<"press 'a' for 12 to 24 notations" <<endl;

cout <<"press 'b' for 24 to 12 notations" <<endl;

cin >>a;

cout <<"enter the hours" <<endl;

cin >> hours;

cout <<"enter the min" <<endl;

cin >> min;

if(a=="a")

{

cout << "enter am/pm" <<endl;

cin >> c;

if (c=="am")

cout <<hours<<":"<< min <<endl;

if(c=="pm")

{

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

{

x=x+1;

}

cout << x << ":" << min <<endl;

}

}

if(a=="b")

{

if(hours<12 )

{

cout << hours << ":" << min << "Am" <<endl;

}

if(hours>12)

{

for( int i=12;i<=hours;i++)

{

y=y+1;

}

cout << y << ":" <<min << "Pm" <<endl;

}

cout <<" press 'n' for exist" <<endl;

cout <<"press 'y' for countinue" <<endl;

cin >> n;

}

}while(n=="y");

system ("pause");

return 0;

}

TASK no -----7;

#include<iostream>

using namespace std;

int main()

{

int x=500,cost;

char y;

cout <<"information" ;

cout <<"new membership price=500. for new membership press x" <<endl;

cout <<"senior citizens discount 30% for senior citizens press y" <<endl;

cout <<"if membership is bought and paid for 12 or more months, the discount is 15% if bought press z"<<endl;

cout <<"if more than five training session, the discount on each session is 20% for the press d" <<endl;

cin >>y;

switch(y)

{

case 'x':

cost =x;

break;

case 'y':

cost=x-(x\*30/100);

break;

case 'z':

cost=x-(x\*15/100);

break;

case 'd':

cost=x-(x\*20/100);

break;

}

cout <<"cost=" <<cost;

system ("pause");

return 0;

}