#include<iostream>

#include<iomanip>

#include<cstdlib>

using namespace std;

int main()

{float salary, incomeTax, netIncome;

cout<<"\t"<<"INCOME TAX CALCULATOR\n\n";

cout<<"Enter Gross Salary: ";

cin>>salary;

if (salary<200){

incomeTax=0;}

else if (salary<600){

incomeTax=((salary-200)\*0.1);

}

else if (salary<1200){

incomeTax= ((salary-600)\*0.15+40);

}

else if (salary<2000){

incomeTax= ((salary-1200)\*0.2+130);

}

else if (salary<3500){

incomeTax= ((salary-2000)\*0.25+290);

}

else {

incomeTax= ((salary-3500)\*0.30+665);

}

netIncome= salary-incomeTax;

cout<<"Income Tax: "<<incomeTax<<endl;

cout<<"Net Income: "<<netIncome<<endl;

return 0;

}

#include<iostream>

#include<iomanip>

#include<cstdlib>

using namespace std;

int main(){

char separet;

int day,month,year;

cout<<"Please Enter date DD/MM/YY: ";

cin >> day>>separet>>month>>separet>>year;

if (month==1||month==3||month==5||month==7||month==8||month==10){

if (day<31&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==31){

day=1;

month=month+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}

} else if (month==4||month==6||month==9||month==11){

if (day<30&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==30){

day=1;

month=month+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}

}else if (month==12){

if (day<31&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==31){

day=1;

month=1;

year=year+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}

}else if (month==2){

if (((year%100)==0)&&((year%400)==0)){

if (day<29&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==29){

day=1;

month=month+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}

}else if (((year%100)!=0)&&((year%4)==0)){

if (day<29&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==29){

day=1;

month=month+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}

}else {

if (day<28&&day>=1){

day=day+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else if (day==28){

day=1;

month=month+1;

cout<<"Next date is: "<<day<<"/"<<month<<"/"<<year<<endl;

}else{

cout<<"Error! Enter the correct date\n";}}

}else {

cout<<"Error! Enter the correct month\n";}

return 0;

}

#include<iostream>

using namespace std;

//function will return total number of days

int getNumberOfDays(int month, int year)

{

//leap year condition, if month is 2

if( month == 2)

{

if((year%400==0) || (year%4==0 && year%100!=0))

return 29;

else

return 28;

}

//months which has 31 days

else if(month == 1 || month == 3 || month == 5 || month == 7 || month == 8

||month == 10 || month==12)

return 31;

else

return 30;

}

//Main program

int main()

{

int days=0;

days = getNumberOfDays(2, 2016);

cout<<endl<<"Number of Days : "<<days;

return 0;

}