**TASK-03**

Denomination

**EXPLANATION:**

Change the Lab-task-05 of Lab-02 to find denomination in given amount.

Use the same scenario and implement the task using while loop.

**INPUT:**

#include <iostream>

#include <stdlib.h>

#include <conio.h>

#include <windows.h>

using namespace std;

void cin\_clear ()

{

cout << "No character please !" ;

Sleep (2000) ;

system("CLS") ;

cin.clear () ;

cin.ignore ( INT\_MAX , '\n' ) ;

}

int main()

{

bool flag = true ;

while (flag)

{

bool check = true ;

int notes [ 10 ] = { 5000 , 1000 , 500 , 100 , 50 , 20 , 10 , 5 , 2 , 1 } ;

int output\_notes [ 10 ] = {0};

int ammount ;

cout << "Please enter ammount : " ;

while ( ! ( cin >> ammount ) )

{

cin\_clear () ;

cout << "Please enter ammount : " ;

}

int i = 0 ;

while ( i < 10 )

{

if ( ammount >= notes [i] )

{

output\_notes [i] = ammount / notes [i] ;

ammount = ammount % notes [i] ;

}

++i ;

}

system ("CLS") ;

cout << "The notes will be as follows : " << endl << endl ;

i = 0 ;

while ( i < 10 )

{

if ( output\_notes [i] >= 1 )

{

cout << notes [i] << " Rs = " << output\_notes [i] ;

if ( output\_notes [i] > 1 )

{

cout << " Notes " ;

}

else

{

cout << " Note " ;

}

cout << endl ;

}

i++ ;

}

system ("PAUSE") ;

while ( check )

{

system ("CLS") ;

cout << "Do you want to continue (y/n) : " ;

char option ;

option = getch() ;

if ( option == 'y' || option == 'n')

{

if ( option == 'y')

{

check = false;

flag = true ;

}

else

{

check = false ;

flag = false ;

}

}

}

}

}

**OUTPUT:**





