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**UNITED STATES INTERNATIONAL UNIVERSITY (USIU) –AFRICA**

**APT1020**

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**Assignment 1**

**Create a program that displays the name of the Day when someone keys in Day number*.***

#include <iostream>

using namespace std;

int main(){

int day;

cout<<"\t\t\*\*\*Days of the week\*\*\*\n";

cout<<"1. Sunday\n";

cout<<"2. Monday\n";

cout<<"3. Tuesday\n";

cout<<"3. Tuesday\n";

cout<<"4. Wednesday\n";

cout<<"5. Thursday\n";

cout<<"6. Friday\n";

cout<<"7. Saturday\n";

menu://goto

cout<<"Enter the day\n";

cin>>day;

switch(day){

case 1:

cout<<"Today is Sunday"<<endl;

break;

case 2:

cout<<"Today is Monday"<<endl;

break;

case 3:

cout<<"Today is Tuesday"<<endl;

break;

case 4:

cout<<"Today is Wednesday"<<endl;

break;

case 5:

cout<<"Today is Thursday"<<endl;

break;

case 6:

cout<<"Today is Friday"<<endl;

break;

case 7:

cout<<"Today is Saturday"<<endl;

break;

default:

cout<<"Invalid Day"<<endl;

}

goto menu;

return 0;

}

**Create a program that gets the sum of even numbers from 2 to 200.**

#include <iostream>

using namespace std;

int main()

{

int p = 200;

int k = 0;

int sum = 0;

sum = 0;

k = 2;

cout << "Enter a number: ";

cin >> p;

while (k <= p)

{

if (k%2==0)

{

sum = sum + k;

k = k+2;

}

}

cout << "the sum of even numbers from 2 to " << p << " is " << sum << endl;

return 0;

}