

SCHOOL OF MECHANICAL & MANUFACTURING ENGINERRING

NUST

Department of Mechanical Engineering

CS-114 – Fundamentals of Programming

LAB MANUAL #04

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ASSIGNMENT 4 (HOME TASK)

TASK 1:

#include <iostream>

using namespace std;

int main(){

for(int i = 1; i <= 150; i++) {

if(i % 10 == 0) {

continue;

}

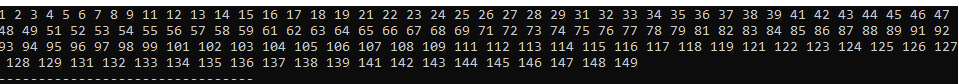
cout<<i<<" ";

}

return 0;

}

OUTPUT:



TASK 2:

#include <iostream>

using namespace std;

int main(){

int num, sumDigit;

int sum=0;

cout<<"Enter a number"<<endl;

cin>>num;

while (num>0){

sum+=num%10;

num/=10;

}

sumDigit=sum;

cout<<"Sum of Digits is "<<sumDigit;

return 0;

}

OUTPUT:



TASK 3:

#include <iostream>

using namespace std;

int main(){

int i,num;

int a=0;

cout<<"Enter a number"<<endl;

cin>>num;

for(i=1;i<=num;i++){ //This loop checks if number entered is divisible by itself

if(num%i==0){

a++;

}

}

if(a==2){

cout<<"Number is prime";

}

else{

cout<<"Number is not prime";

}

return 0;

}

OUTPUT:

