Fundamentals of Programming

Lab Task # 4

ABDUL MOIZ

464834 Section B

```
#include<iostream>
using namespace std;
int main()
//{// Task # 1
//
        int n = 1,a;
       for (int i = 0; i < 150; i++)
//
//
        {
//
              a = n + i;
//
                if (a % 10 == 0)
//
               {
//
                       continue;
//
               }
//
                cout << a << endl;
//
        }
//
        return 0;
//}
```

```
Microsoft Visual Studio Debug Console
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//{// Task # 3
//
         int num, i, check = 0;
         cout << "Enter the number : ";</pre>
//
//
        cin >> num;
//
                  for (i = 1; i <= num; i++)
//
                  {
//
                           if (num \% i == 0)
//
                                    check++;
//
//
                           }
                  }
//
//
                  if (check == 2)
```

```
//
                    {
//
                              cout << "The number is prime";</pre>
//
                    }
//
                    else
//
                    {
//
                              cout << "The number is not prime";</pre>
//
                    }
//
                    return 0;
//}
  Microsoft Visual Studio Debug Console
Enter the number : 29
The number is prime
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//{// Task # 2
//
          int n,p,x=0;
//
          cout << "Enter a number : ";</pre>
//
          cin >> n;
          for (int i = 0; n > 0;i++)
//
//
          {
//
                    p = n \% 10;
//
                    x = x + p;
//
                    n = n / 10;
//
          }
          cout << "The sum of digits is: "<<x;
//
//
          return 0;
//}
```

Microsoft Visual Studio Debug Console

Enter a number : 345

The sum of digits is : 12
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le when debugging stops.
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