# OOP LAB TASK # 05.

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**Student ID: 12113.** 

Class ID: 106278.

# Question.1;

# **Inputted Code:**

# \*Program.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace _12113_Shahmeer_s_Lab_Task_5
    class Program
        static void Main(string[] args)
            Console.WriteLine("Lab task 5");
            Console.WriteLine("Question no. 1,");
Console.WriteLine("Fill the things.");
            Console.Write("\nEnter Manufacturer's Name of your car: ");
            string Manufacturer = Console.ReadLine();
            Console.Write("\nEnter the Model of your car: ");
            int Model = int.Parse(Console.ReadLine());
            Console.Write("\nEnter how much MilliLitres(ML) fuel, \nyou want to put in
your Car before Testing: ");
            int Fuel = int.Parse(Console.ReadLine());
            Console.Write("\nEnter the Distance per unit area in numbers, through \nwhich
you want to do the test drive: ");
```

```
int Distance = int.Parse(Console.ReadLine());
                                       Car.engineWork(Distance, Fuel);
                                       Console.ReadKey();
                          }
             }
}
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    □using System;

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using System.Collections.Generic;
using System.Linq;
using System.Text;
                  using System.Threading.Tasks;
                  namespace _12113_Shahmeer_s_Lab_Task_5
                                static void Main(string[] args)
                                    Console.WriteLine("Lab task 5");
Console.WriteLine("Question no. 1,");
Console.WriteLine("Fill the things.");
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string Manufacturer = Console.Readline();
Console.Write("\nEnter the Model of your car: ");
int Model = int.Parse(Console.Readline());
Console.Write("\nEnter how much Millilitres(ML) fuel, \nyou want to put in your Car before Testing: ");
int Fuel = int.Parse(Console.Readline());
Console.Write("\nEnter the Distance per unit area in numbers, through \nwhich you want to do the test drive: ");
int Distance = int.Parse(Console.Readline());
Console.Write("\nEnter the Distance per unit area in numbers, through \nwhich you want to do the test drive: ");
int Distance = int.Parse(Console.Readline());
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                                     Car.engineWork(Distance, Fuel);
Console.ReadKey();
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```

# \*Car.cs:

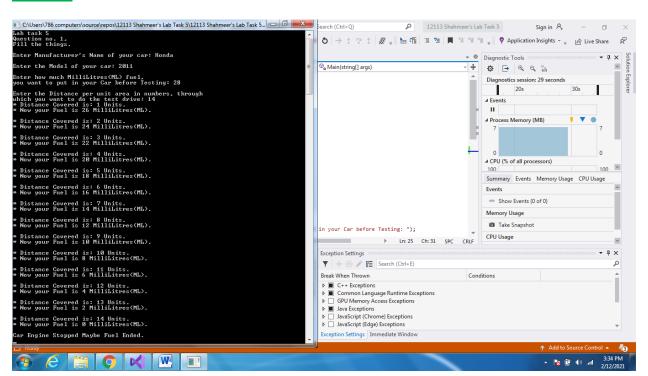
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace _12113_Shahmeer_s_Lab_Task_5
    class Car
        public static void engineWork(int distance, int fuel)
            for (int i = 1; i <= distance; i++)</pre>
            {
                Console.WriteLine("* Distance Covered is: " + i + " Units.");
                fuel -= 2;
                Console.WriteLine("* Now your Fuel is " + fuel + " MilliLitres(ML).\n");
                if(fuel==0 || fuel==-1)
                    Console.WriteLine("Car Engine Stopped Maybe Fuel Ended.");
                    break;
                }
            }
        }
```

```
}
}
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             using System.Coll
          using System.Text;
using System.Threading.Tasks;
          pnamespace _12113_Shahmeer_s_Lab_Task_5
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                      for (int i = 1; i <= distance; i++)
                         Console.WriteLine("* Distance Covered is: " + i + " Units.");
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                          tuel -= 2;
Console.WriteLine("* Now your Fuel is " + fuel + " MilliLitres(ML).\n");
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          }
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#### **Output:**



#### Question.2;

## **Inputted Code:**

### \*Program.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace _12113_Shahmeer_s_Lab_Task_5
       class Program
       {
              static void Main(string[] args)
                     Console.WriteLine("Lab task 5");
                     Console.WriteLine("Question no. 2,");
                     Console.WriteLine("Fill the things.");
                     Console.Write("\nEnter Manufacturer's Name of your car: ");
                     string Manufacturer = Console.ReadLine();
                     Car.Model();
                     Console.Write("\nEnter the Distance per unit area in numbers, through \nwhich
you want to do the test drive: ");
                     int Distance = int.Parse(Console.ReadLine());
                     Car.engineWork(Distance);
                     Console.ReadKey();
              }
       }
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using System.Linq;
using System.Text;
         mamespace _12113_Shahmeer_s_Lab_Task_5
                 static void Main(string[] args)
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                   Console.WriteLine("Lab task 5");
                    Console.WriteLine("Question no. 2,");
Console.WriteLine("Fill the things.");
Console.Write("\nEnter Manufacturer's Name of your car: ");
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                   Console.Write("\nEnter Manufacturer's Name of your car: ");
string Manufacturer = Console.Readline();
Car.Model();
Console.Write("\nEnter the Distance per unit area in numbers, through \nwhich you want to do the test drive: ");
int Distance = int.Parse(Console.Readline());
Car.engineNok(Distance);
Console.ReadKey();
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         }
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```

## \*Car.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace _12113_Shahmeer_s_Lab_Task_5
    class Car
    {
        public static void engineWork(int distance)
            int Fuel = fuel();
            for (int i = 1; i <= distance; i++)</pre>
                Console.WriteLine("* Distance Covered is: " + i + " Units.");
                Fuel-=2;
                Console.WriteLine("* Now your Fuel is " + Fuel + " MilliLitres(ML).\n");
                if (Fuel <= 0)</pre>
                {
                    Console.WriteLine("Car Engine Stopped Maybe Fuel Ended.");
                }
            }
        public static int fuel()
            Console.Write("\nEnter how much MilliLitres(ML) fuel, \nyou want to put in
your Car before Testing: ");
            int Fuell = int.Parse(Console.ReadLine());
            return Fuell;
        public static void Model()
            Console.Write("\nEnter the Model of your car: ");
            int Model = int.Parse(Console.ReadLine());
    }
}
```

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public static void engineWork(int distance)
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                        int Fuel = fuel();
for (int i = 1; i <= distance; i++)</pre>
     Console.WriteLine("* Distance Covered is: " + i + " Units.");
Fuel-=2; ...
                            Fuel-=2;
Console WriteLine("* Now your Fuel is " + Fuel + " MilliLitres(ML).\n");
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                       Console.Write("\nEnter how much Millilitres(ML) fuel, \nyou want to put in your Car before Testing: "); int Fuell = int.Parse(Console.ReadLine()); return Fuell;
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                       Console.Write("\nEnter the Model of your car: ");
int Model = int.Parse(Console.ReadLine());
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#### **Output:**

