

## 6 – DAY – TASK (26-08-2024)

### 1. ADO Task:

Program Code:

```
using System.Data.SqlClient;
```

```
internal class Program
```

```
{
```

```
    private static SqlConnection conn;
```

```
    private static void Main(string[] args)
```

```
    {
```

```
        Console.WriteLine("Hello, World!");
```

```
        Create();
```

```
        Insert();
```

```
        Fetch();
```

```
    }
```

```
    public static void Create()
```

```
    {
```

```
        using(conn = new SqlConnection("data source=PTSQLTESTDB01;database=KUMAR;integrated security=true;"))
```

```
        {
```

```
            SqlCommand cmd = new SqlCommand("create table sample_ADO(id int primary key, name varchar(50))", conn);
```

```
            conn.Open();
```

```
            int val = cmd.ExecuteNonQuery();
```

```
            //if (val > 0)
```

```
            //{
```

```
                Console.WriteLine("Table Create successfully");
```

```
                Console.WriteLine("Query successfully executed.");
```

```
            //}
```

```
            //else
```

```
            //{
```

```
                Console.WriteLine("Table not created.");
```

```
            //}
```

```

    }
}

public static void Insert()
{
    using (conn = new SqlConnection("data
source=PTSQLESTDB01;database=KUMAR;integrated security=true;"))
    {

        SqlCommand cmd = new SqlCommand("insert into sample_ADO values(1,
'Sanjeev')", conn);
        conn.Open();
        int val = cmd.ExecuteNonQuery();

        if (val > 0)
        {
            Console.WriteLine("Inserted data.");
        }
        else
        {
            Console.WriteLine("Not Inserted.");
        }
    }
}

public static void Fetch()
{
    using (conn = new SqlConnection("data
source=PTSQLESTDB01;database=KUMAR;integrated security=true;"))
    {
        SqlCommand cmd = new SqlCommand("select * from sample_ADO",
conn);
        conn.Open();
        SqlDataReader sdr = cmd.ExecuteReader();

        while(sdr.Read())
        {
            Console.WriteLine(sdr[0].ToString() + " " + sdr[1].ToString());
        }
    }
}

```

}

Output:

