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using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Data.SqlClient;
using System.Data;

namespace sp_with_1_input_parameter
{
    internal class Program
    {
        static void Main(string[] args)
        {
            try
            {
                string str = "server=.
\\SQLEXPRESS;database=StudentDB;integrated security=true";

                SqlConnection con = new SqlConnection(str);
                SqlCommand cmd = new SqlCommand();
                cmd.Connection = con;
                cmd.CommandText = "spgetstudentbyid";
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cmd.CommandType = System.Data.CommandType.StoredProcedure;

//creating sql parameter
SqlParameter para1=new SqlParameter();
para1.ParameterName = "@id";
para1.SqlDbType = SqlDbType.Int;
Console.WriteLine("enter id to be searched");
int id=Convert.ToInt32(Console.ReadLine());
para1.Value = id;
//adding the parameter to sql ccommand object
cmd.Parameters.Add(para1);

para1.Direction = ParameterDirection.Input;
con.Open();
SqlDataReader sdr = cmd.ExecuteReader();
while (sdr.Read())
{
    Console.WriteLine(sdr["id"] + " " + sdr["name"] + " " +
sdr["email"] + " " + sdr["mobile"]);
}

}
catch (Exception e)
{

}

}
}
}

```