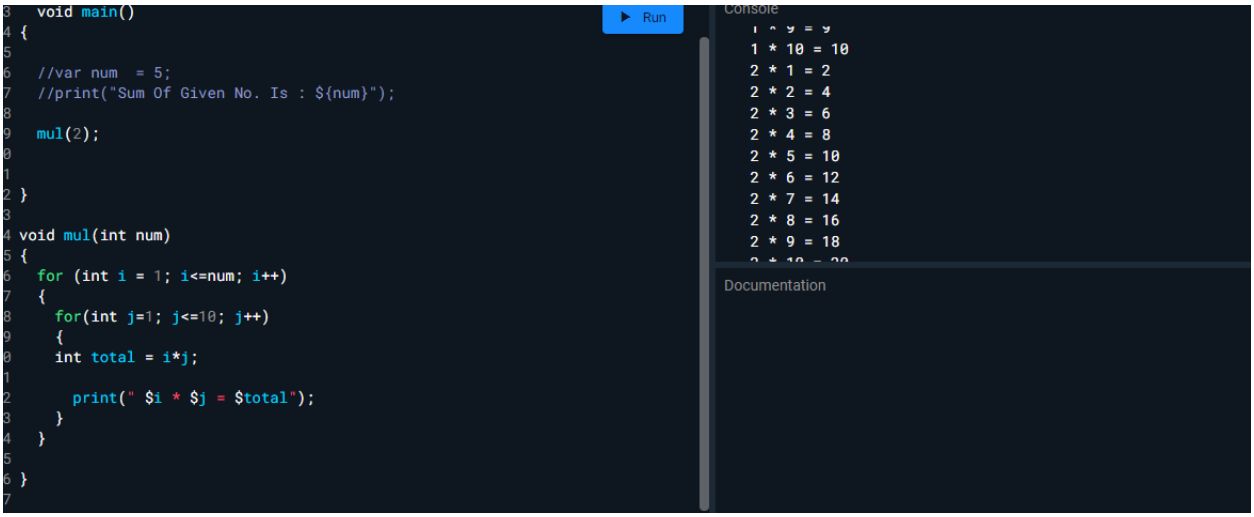
Assignment 4

Question 2

```
void main()
{

  //var num  = 5;
  //print("Sum Of Given No. Is : ${num}");

  mul(2);



}

void mul(int num)
{
  for (int i = 1; i<=num; i++)
  {
    for(int j=1; j<=10; j++)
    {
    int total = i*j;
```

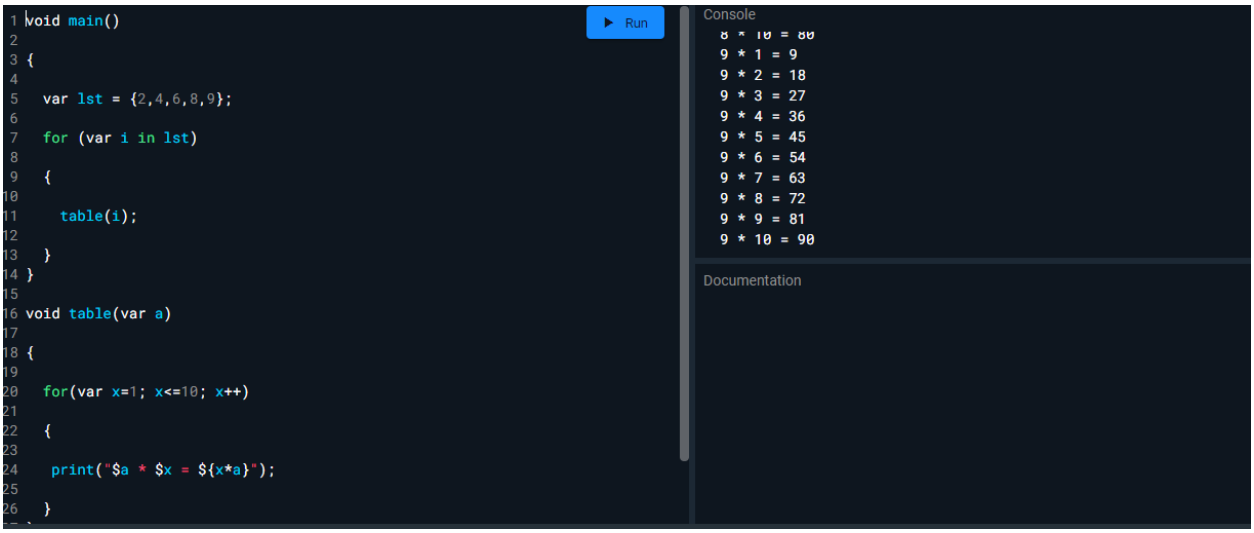
```
    print(" $i * $j = $total");
   }
 }

}
```



Question 3

```
void main()

{

 var lst = {2,4,6,8,9};

 for (var i in lst)
```

```
 {


   table(i);


 }
}


void table(var a)


{
 for(var x=1; x<=10; x++)
 {
  print("$a * $x = ${x*a}");
 }
}
```



Question 4

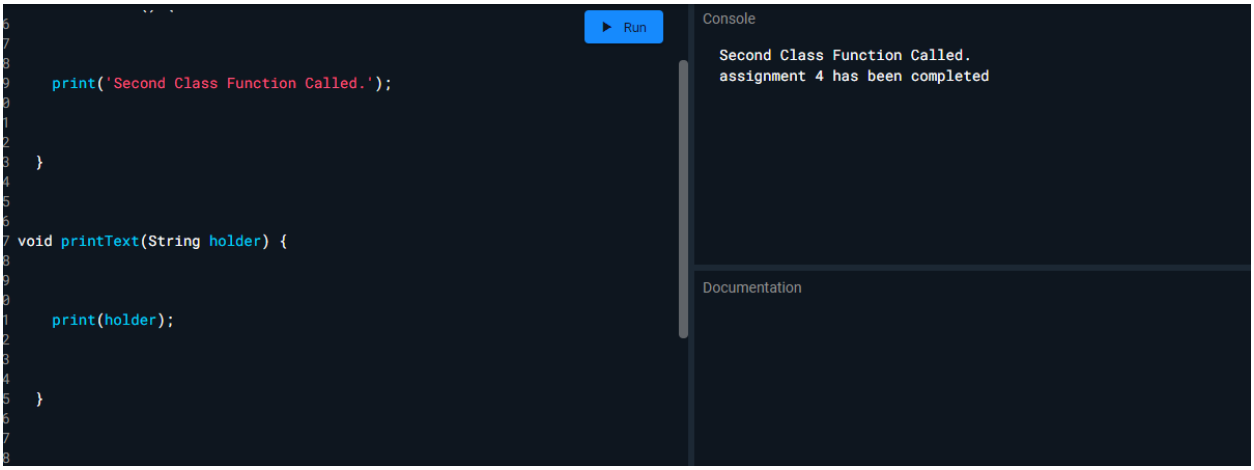
```
void main() {
    // Creating object of the child class


 var name ["Hasan","Ali","Hamza","Zain","Areeb"];
 var marks[88,77,66,55,44];


 for(var i in name)
 {
   marksheet(i);
 }
}


void marksheet(var a)
{
 for (var i in a)
 {


 print(a);




// for(var i in marks)
 //{
```

```
   //print(i);
  //}
}
```

Question 5

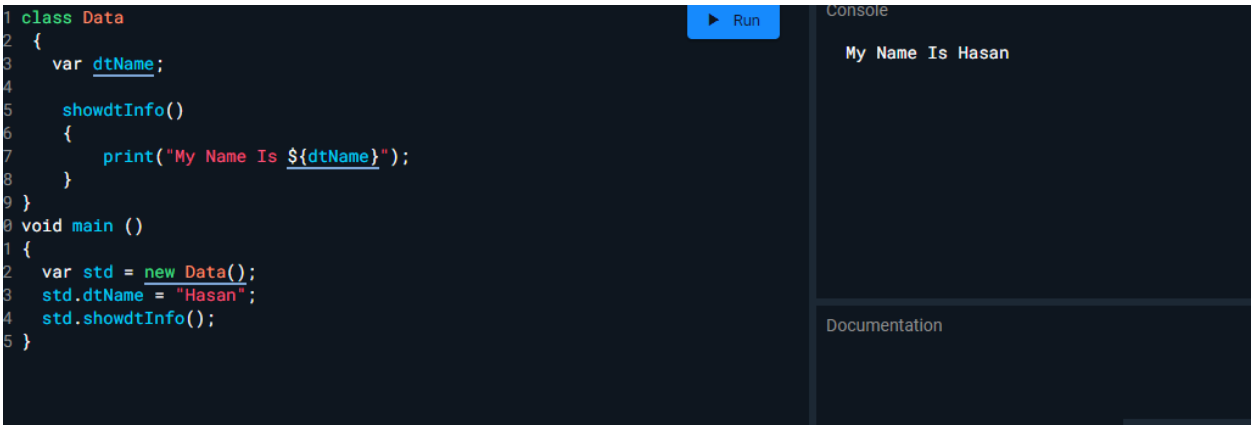
```
class Second {
void randomMSG() {
   print('Second Class Function Called.');
  }
void printText(String holder) {
   print(holder);
  }
}
void main()
{
  Second s = new Second();
  s.randomMSG();
  s.printText("assignment 4 has been completed");
```

}



Question 6

```
class Data
 {
   var dtName;


    showdtInfo()
    {
        print("My Name Is ${dtName}");
    }
}
void main ()
{
  var std = new Data();
  std.dtName = "Hasan";
  std.showdtInfo();
}
```



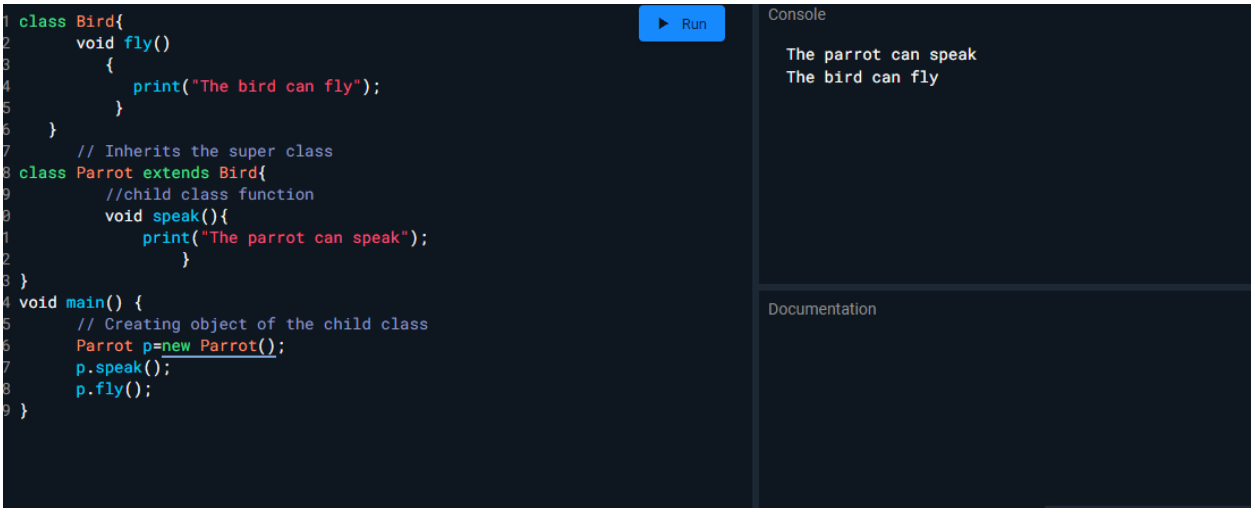
Question 7

```
class Student

{


    Student(var name, int age, var edu)

    {

        print("The name is: ${name}");

        print("The age is: ${age}");

        print("The education is: ${edu}");


          }

}

void main()

{
```

```
    Student std = new Student("Hasan",22,"graduated");
}
```

Question 8

```
class Bird{
    void fly()
      {
        print("The bird can fly");
       }
  }
    // Inherits the super class
class Parrot extends Bird{
      //child class function
      void speak(){
         print("The parrot can speak");
            }
}
void main() {
    // Creating object of the child class
    Parrot p=new Parrot();
    p.speak();
    p.fly();
}
```


class Bird{
void fly()
{
print("The bird can fly");
}
}
// Inherits the super class
class Parrot extends Bird{
//child class function
void speak(){
print("The parrot can speak");
}
}
void main() {
// Creating object of the child class
Parrot p=new Parrot();
p.speak();
p.fly();
}
Run
Console
The parrot can speak
The bird can fly
Documentation