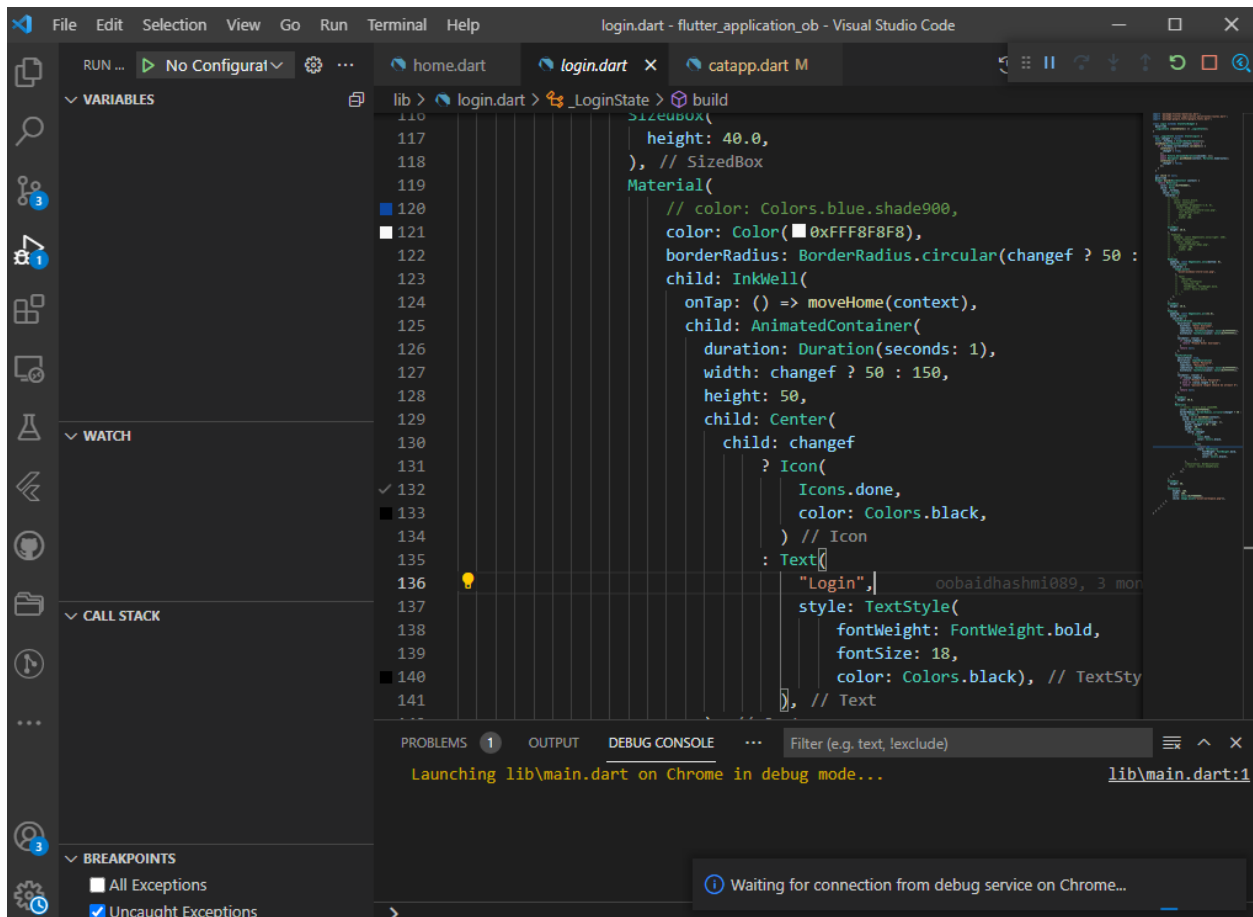**NAME :SYED OBAID ULLAH HASHMI**

Roll NO:KWOWFL1165

Assignment 3

1) Install Flutter, make a project by "Flutter create projectname" and then run app by "flutter run"

and take screenshot.

OUTPUT:

2) To make a function that take a number as parameter, and print the table of that number.
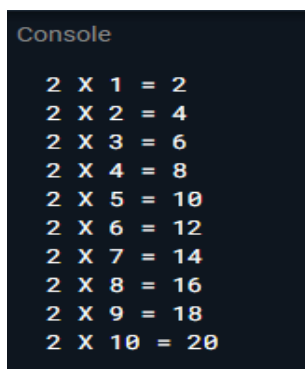
CODE:

//Q2

```
num table(a)
 {

  for (int i =1;i<=10;i++)
  {
   print("${a} X ${i} = ${a*i}");
  }

   return 0;
 }


void main()
{
 table(2);


}
```

```
Console
 2 X 1 = 2
 2 X 2 = 4
 2 X 3 = 6
 2 X 4 = 8
 2 X 5 = 10
 2 X 6 = 12
 2 X 7 = 14
 2 X 8 = 16
 2 X 9 = 18
 2 X 10 = 20
```
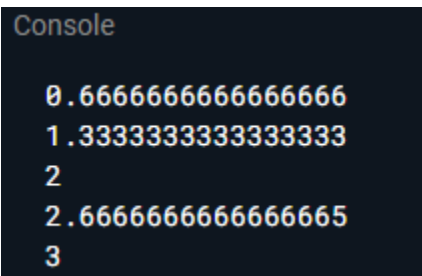
3) List lst = [2,4,6,8,9];

Make a function that takes a number as parameter and divide that parameter to every element

in the list

CODE:

```
void numbers(num b)
{
 List lst = [2,4,6,8,9];
var a;
 for (int i =0;i<lst.length;i++)
 {
   a =lst[i]/b;
   print(a);
 }
}
void main(){
(numbers(3));
 }
```

```
Console

 0.6666666666666666
 1.3333333333333333
 2
 2.6666666666666665
 3
```

4) Make a function for printing mark sheet then Make a list of at-least 5 names and another list of

their marks, and print the mark sheet of all of them.

CODE:

```
void student(){
var lst1 = ["obaid1","obaid2","obaid3","obaid4","obaid5"];
var lst2 = [55,66,77,89,99];

  for(int i =0;i<lst1.length;i++)
  {
    print("NAMES");
    print(lst1[i]);

    for(var j=0;j<lst2.length;j++){print(lst2[j]);}
  }

}
void main()
{
  student();

}
```

5) Make a function in class and then call it outside class.

CODE:

```
class A{

  void b()
  {
    print ("Hello");


  }


}
void main()
{
  A c=new A();


  c.b();


}
```

6) Print your name in a sentence using classes.

CODE:

```
class F
{
  void l(){
  print("My Name is ");
  }
}
class Name extends F
{

 void e(){
  String a = "obaid";
  print(a);
 }


}
void main()
{

  Name c=new Name();
  c.l();
  c.e();


}
```

7) Make a constructor that requires your name, age, education and then print that.

CODE:

```
class Info{
  var name ;
  String age ;
  var education;
  Info(this.name,this.age,this.education)
  {
   print("Name is "+name);
   print("Name is "+ age);
   print("Name is "+education);
  }
}
void main ()
{
  Info c=new Info("obaid","12","Inter");
}
```

```
Console

 Name is obaid
 Name is 12
 Name is Inter
```

8) Write a Code using inheritance

CODE:

```
class F
{
  void l(){
  print("My Name is ");
  }
}
class Name extends F
{

 void e(){
  String a = "obaid";
  print(a);
 }

}
void main()
{

  Name c=new Name();
  c.l();
  c.e();
 }
```