

JAWAN PAKISTAN

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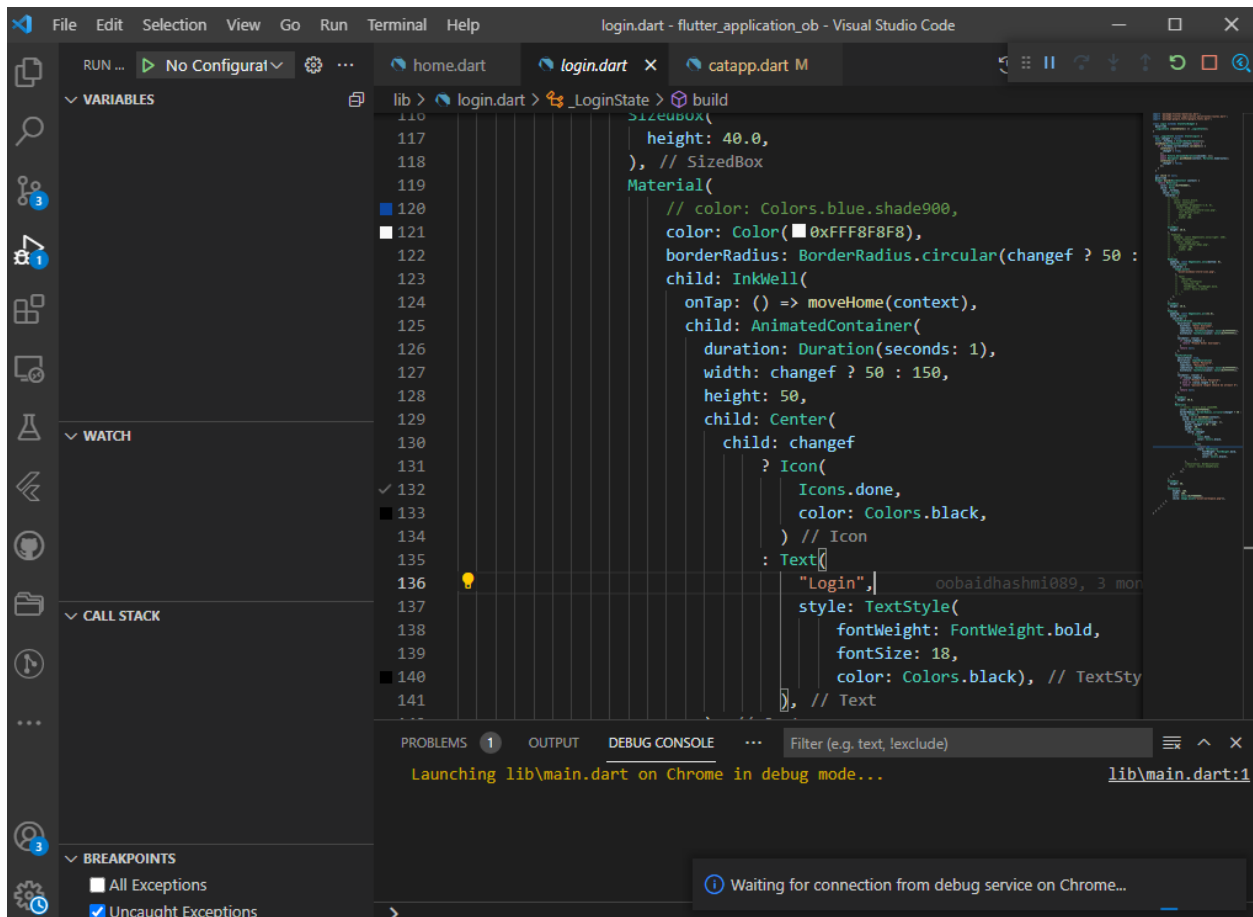
Roll NO:KWOWFL1165

## Assignment 4

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**

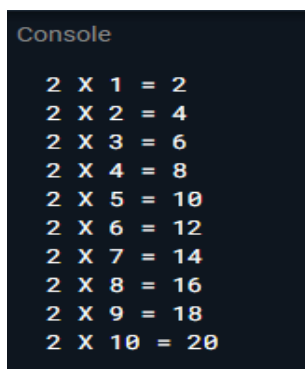
```
num table(a)
{

    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];**

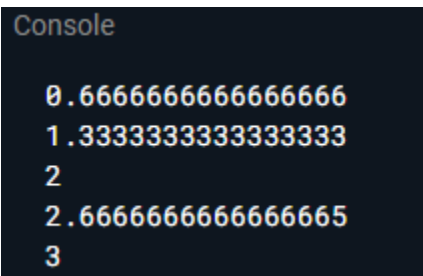
**Make a function that takes a number as parameter and divide that parameter to every element**

**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("obaïd","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();
}
```