

## PRACTICAL 2

### AIM:

Write a simple Smart Contract, compile, deploy it using Metamask Ropsten Test Network

- Setting a Greeting —we should be able to set a greeting
- Displaying the Greeting —we should be able to retrieve the greeting and display it.

### CODE:

```
pragma solidity 0.5.3;
```

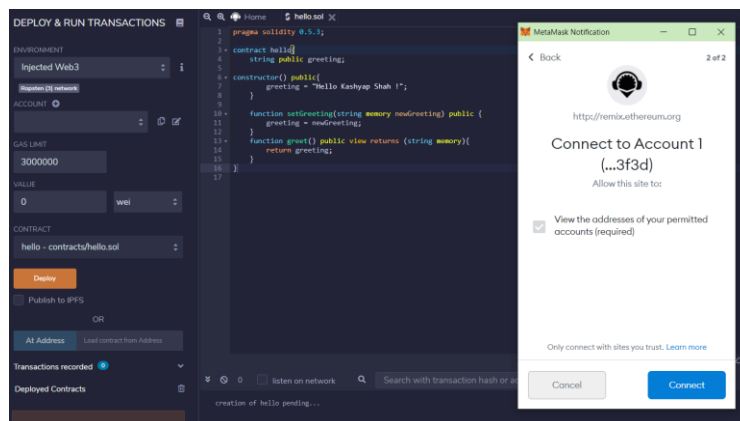
```
contract TestContract{  
    string private greeting;
```

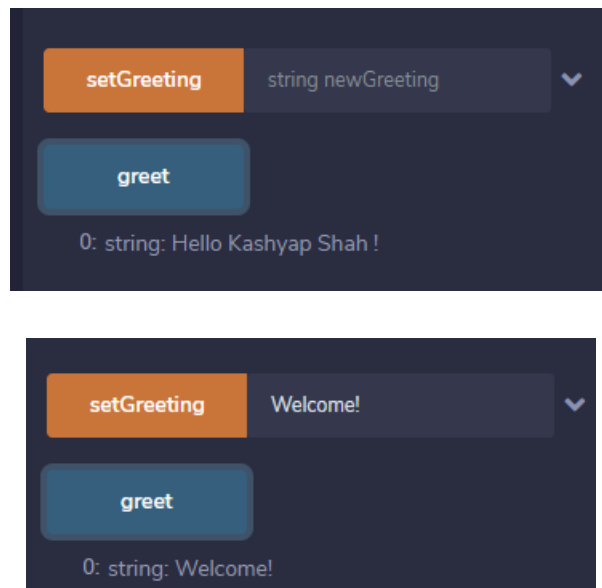
```
    constructor() public{  
        greeting = "Hello Kashyap Shah!";  
    }  
}
```

```
    function setGreeting(string memory newGreeting) public {  
        greeting = newGreeting;  
    }  
}
```

```
    function greet() public view returns (string memory){  
        return greeting;  
    }  
}
```

### OUTPUT:



**CONCLUSION:**

In this practical, I have learnt about solidity programming, about functions and testing.