

## **Swift Advance/ Error handling**

### **Exercise 6**

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1. What is Error Protocol. Create a custom error conforming to error protocol.

- Error Protocol is just a type for representing error values that can be thrown.

```
enum UserDetailError: Error {
    case noValidName
    case noValidAge
}
```

2. Write a failable initialiser for a class which throws a error “Object not able to initialise” description a initialisationFailed case, Catch the error and print its error description.

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3. Explain the difference try, try?, try! , make sure to write a program to explain the difference.

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4. Write a program which loads the data from a datasource of 10 employees looks like below, Program would help to give salary bonus to employees. Which is based on some conditions but if employee is not able to satisfy the condition program should throw the error with specific error condition and its description should be printed.

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