Assignment Topic: Class and Objects

B1. WAP to greet user using class with primary constructor accepting name of user. (Class, primary constructor, greet() method)

```
class user(var name:String){
    fun greet(){
        println("Welcome $name")
    }
}
fun main(){
    val o1 = user("Pratik")
    o1.greet()
}
```

B2. WAP to destructure a person object and retrieve name and age from it. (Destructuring Declaration)

```
data class persone(var name:String, var age:Int )

fun details():persone{
    return persone("pratik",21)
}

fun main(){
    var (name,age) = details()
    println(name + " " + age)
}
```

B3. WAP to demonstrate Data classes with Person class. (data keyword)

```
data class persone(var name:String, var age:Int )
fun main(){
    val p1 = persone("Pratik",21)
    println("${p1.name} ${p1.age}")
}
```

B4. WAP to demonstrate example of copy(), toString(), equals() functions in above example. (data keyword)

```
data class persone(var name:String, var age:Int )
fun main(){
    val p1 = persone("Pratik",21)
    var p2 = persone("Hardik",22)
    println(p2)
    p2 = p1.copy()
}
```

```
        println(p2.toString())
        println(p1.equals(p2))
}
```