1.

```
object Q1 extends App{
  def AreaofDisk(r: Double):Double =
  {
    return Math.PI*r*r;
  }
  printf("%.2f",AreaofDisk(5.0));
}
```

2.

```
object Q2 extends App{
  def F(x: Double): Double={
    return x*1.8+32;
  }
  printf("%.2f",F(35));
}
```

3.

```
object Q3 extends App{
  def Vol(x: Double):Double={
    return 4/3*Math.PI*x*x*x;
  }
  printf("%.2f",Vol(5));
}
```

4.

```
object Q4 extends App{
  def cost(n: Integer):Double=n*24.95;
  def discount(cost: Double):Double=cost*0.4;
  def shipping(n: Double):Double={
    n>50 match{
       case true => 3.0 +(n-50)*0.75;
       case false => 3.0;
    }
    var total:Double=0;
    total=cost(60)-discount(cost(60))+shipping(60): Double;
    printf("%.2f",total);
  }
}
```

5.

```
object Q5 extends App{
    def easy(x: Double)=x*8;
    def tempo(x: Double)=x*7;
    var mins: Double = 0;
    mins=easy(2)+tempo(3)+easy(2);
    printf("%.2f",mins);
}
```

https://github.com/Deshan365/Scala_20001339