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Q1)

```
def Area(r:Double):Double=math.Pi*r*r

scala> Area(5)
val res0: Double = 78.53981633974483
```

Q2)

```
def temp(c:Double):Double=c*1.8000+32

scala> temp(35)
val res1: Double = 95.0
```

Q3)

```
def vol(r:Double):Double=(math.Pi*r*r*r)*4/3

scala> vol(5)
val res2: Double = 523.5987755982989
```

Q4)

```
def shipCost(c:Double,y:Double):Double=3+(c-50)*y

def totalPrice(p:Double,c:Double):Double=p*c

def wholeSaleCost(p:Double,c:Double,d:Double,y:Double):Double=(totalPrice(p,c)-
shipCost(c,y))/(1+d)

scala> wholeSaleCost(24.95,60,0.4,0.75)
val res11: Double = 1061.7857142857144
```

Q5)

```
def easy(x:Double):Double=x/8

def tempo(y:Double):Double=y/7

def totalTime(x:Double,y:Double):Double=easy(x)+tempo(y)

scala> totalTime(4,3)
val res4: Double = 0.9285714285714286
```

Git hub link - <https://github.com/Shamalka111/scala-lab-sheet-3.git>