

# ProjectR

2025-03-06

## Solution Notebook

Question1

```
# Creating a list named restaurants below
Price <- as.numeric(c("120", "32", "99", "49", "99", "75", "30"))
#print(length(Price))
```

```
# Creating a list named restaurants below
```

```
v <- numeric(length(Price))
Total<- function(){

  for (i in seq_along(Price)){
    #print(i)
    #print(length(Price))

    tot<-Price[i]*10/100
    v[i]<-Price[i]+tot

  }
  return(v)
}
Total()
```

```
## [1] 132.0  35.2 108.9  53.9 108.9  82.5  33.0
```

```
Shipping <- function(len) {

  result <- 4+ (length(Price)-1)*2 # Example operation
  return(result)
}
```

```
Shipping(length(Price))
```

```
## [1] 16
```

```
TotalTot<-sum(Total())+Shipping(length(Price))
```

```
print(TotalTot)
```

```
## [1] 570.4
```

```
if (TotalTot>500) {  
  
  bill<-TotalTot-10  
  print(bill)  
} else {  
  
  bill<-TotalTot  
  print(bill)  
}
```

```
## [1] 560.4
```