

homework1.R

micha

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```
# Question 1
print("Michael")

## [1] "Michael"

# Question 2
print("1006617")

## [1] "1006617"

# Question 3
print(1006617 %% 10000)

## [1] 6617

# Question 4
vec <- c(1,0,0,6,6,1,7)
print(vec)

## [1] 1 0 0 6 6 1 7

# Question 5
length(vec)

## [1] 7

# Question 6
ifelse(vec[length(vec)] %% 2 == 0, "even", "odd")

## [1] "odd"

# Question 7
for (i in length(vec):1) {
  print(vec[i])
}

## [1] 7
## [1] 1
## [1] 6
## [1] 6
## [1] 0
## [1] 0
## [1] 1

# Question 8
teamnumber <- 10
cohortnumber <- 2
```

```
dba <- function(a, b) {
  result <- a^2 / b
  return(result)
}
```

```
yes <- dba(teamnumber, cohortnumber)
print(yes)
```

```
## [1] 50
```

```
# Question 9
```

```
ccdata <- read.csv("C:/DBA_Project/Homework/cheddar-cheese.csv")
```

```
# Question 10
```

```
head(ccdata)
```

```
##   Case Acetic   H2S Lactic Taste
## 1    1  4.543 3.135  0.86  12.3
## 2    2  5.159 5.043  1.53  20.9
## 3    3  5.366 5.438  1.57  39.0
## 4    4  5.759 7.496  1.81  47.9
## 5    5  4.663 3.807  0.99   5.6
## 6    6  5.697 7.601  1.09  25.9
```

```
# Question 11
```

```
mean(ccdata$Taste)
```

```
## [1] 24.53367
```