



UTP

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COURSE: BACHELORS IN INFORMATION TECHNOLOGY

Lab 1b

#QUESTION1

#Create vector using sequence

```
x <- seq(1,20,by = 1)
```

```
print(x)
```

#Create square of the number sequence

```
y <- x^2
```

```
print (y)
```

#QUESTION2

```
num1 = 0.956786
```

```
num2 = 7.8345901
```

#num1 value in 2 decimal point number

```
round(num1, digits = 2)
```

#num2 value in 3 decimal point number

```
round(num2, digits = 3)
```

#QUESTION3

#retrieve darius value of a circle from user

```
r <- readline(prompt="Enter radius: ")
```

convert character into numeric

```
r <- as.numeric(r)
```

#Calculate and display circle's area

```
a <- (22/7)*(r^2)
```

```
print(paste("Circle's area: ", a,"cm^2"))
```