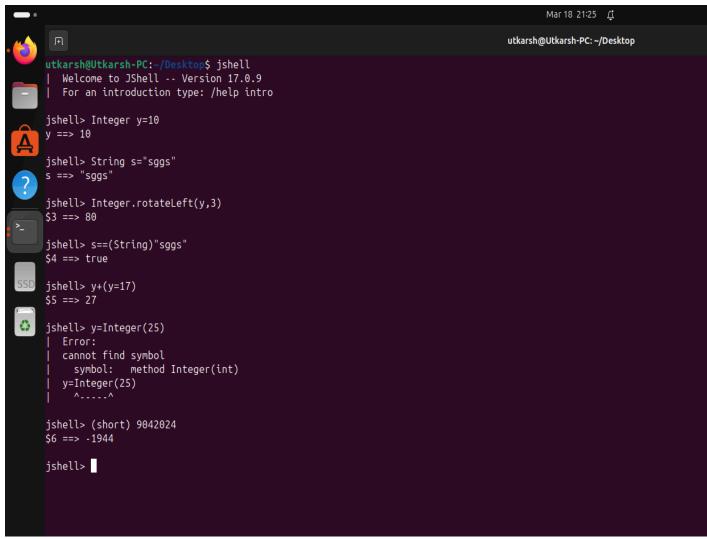
MIDTERM

Q1)Ans:



Q2)

a)Ans:

Incorrect class name, Incorrect file permission, Incorrect compilation error, missing. class file.

c)Ans:

```
jshell> String s="utkarsh"
s ==> "utkarsh"

jshell> s[3]
    Error:
    array required, but java.lang.String found
    s[3]
    ^--^
    jshell>
```

b)Ans:

```
utkarsh@Utkarsh-PC:~/Desktop$ jshell
| Welcome to JShell -- Version 17.0.9
| For an introduction type: /help intro

jshell> String s="utkarsh
| Error:
| unclosed string literal
| String s="utkarsh
| ^

jshell>

jshell>
```

Q3)Ans:

Javac // latest version // preview file.name

Q4) a)Ans:

b)Ans:

c)Ans:

```
public class Question4{
Question4 q4=new Question4();
public static void main(String[] args){
Question4 q4=new Question4();
}

| utkarsh@Utkarsh-PC:-/Desktop/own$ java Question4
Exception in thread "main" java.lang.StackOverflowError
at Question4.<init>(Question4.java:2)
```

d)Ans:

```
utkarsh@Utkarsh-PC: ~/Desktop/own
                                                                                          utkarsh@Utkarsh-PC:~/Desktop/own$ javac MidTerm.java
                                                                                          utkarsh@Utkarsh-PC:~/Desktop/own$ javac MidTerm
                                                                                          error: Class names, 'MidTerm', are only accepted if annotation processing is exp
                                                                                          licitly requested
                                                                                          utkarsh@Utkarsh-PC:-/Desktop/own$ javac MidTerm.java
utkarsh@Utkarsh-PC:-/Desktop/own$ java MidTerm
                                                                                         Static Block 1: EXAM
Static Block 2: EXAM
Static Block 1: MIDTERM
Static Block 2: MIDTERM
 ٥
                                                                                          Welcome To Mid Term Examination
Init Block: EXAM
                                                                                          Exam Constructor
          public String toString(){
                                                                                          Init Block: EXAM
                                                                                          Exam Constructor
Init Block: MIDTERM
                                                                                          MIDTERM Constructor
                                                                                          MidTerm
utkarsh@Utkarsh-PC:~/Desktop/own$
\ddot{}
```

Q5)Ans:

