

1) Solve the Ise1 - paper in Journal page 1

Q1:

a) jshell> int a = 'A' atm at4

$$a \Rightarrow 65$$

jshell> a+4

$$z \Rightarrow 69$$

b) a = 5

jshell > -a-t+a + --a

$$\begin{array}{r} -5+t+5 \\ -5-6+5 \\ \hline = -6 \end{array}$$

jshell > a => -6

c) jshell> String b = "A\tb c\d"

it inserts tabspace

Represents one space character

"A\tb c d"

b.replace (" ", "")

=> "A\tb(d)"

d) Error

Q2

public class pattern{
 public static void printpattern(int size){

if (size % 2 == 0) {

System.out.println(

"The entered value " + size + " is no odd,
 Please enter an odd size".
});

return;

y

for (int i = 0; i < size; i++)

for (int j = 0; j < size; j++)

if (i == j || i + j == size - 1)

System.out.print(" ");

y y

System.out.println();

3
y

public static void main(String[] args){

printpattern(3);

System.out.println();

printpattern(5);

System.out.println();

printpattern(4);

y y

b)

Shorts = (short) 5022026

i) Short range - 32768 to 32767

$$\underline{5022026} \times 65536 = 76$$

$$65536 \times 76 = 4980736$$

$$5022026 - 4980736 = 41290$$

$$41290 > 32767$$

$$41290 - 65536 = -24246$$

$$\text{Short}(5022026) = -24246$$

d) `iSEmpty()` check string length = 0`iSBlank()` check string empty or spaces
no

String s1 = " ";

String s2 = " ";

s1. `iSEmpty()`; trues1. `iSEmpty()`; trues2. `iSEmpty()`; Trues2. `iSBlank()`; False