

a) For (i = 100, i >= 1, i++)

```
System.out.println(i);
```

Correct :

```
For (i = 100, i >= 1, i -- )
```

```
    System.out.println(i);
```

b) The following code should print whether integer value is odd or even:

```
switch (value % 2)
```

```
{
```

```
case 0:
```

```
    System.out.println("Even integer");
```

```
case 1:
```

```
    System.out.println("Odd integer");
```

```
}
```

Correct :

```
switch (value % 2)
```

```
{
```

```
case 0:
```

```
    System.out.println("Even integer");
```

```
    Break ;
```

```
case 1:
```

```
    System.out.println("Odd integer");
```

```
    Break ;
```

```
}
```

c) The following code should output the odd integers from 19 to 1:

```
for (i = 19; i >= 1; i += 2)
```

```
System.out.println(i);
```

Correct :

```
for (i = 19; i >= 1; i -= 2)
```

```
System.out.println(i);
```

d) The following code should output the even integers from 2 to 100:

```
counter = 2;
```

```
do
```

```
{
```

```
System.out.println(counter); counter += 2;
```

```
} While (counter < 100);
```

Correct :

```
counter = 2;
```

```
do
```

```
{
```

```
System.out.println(counter); counter += 2;
```

```
} While (counter <= 100);
```