Basic Programming Assignment Week 10

From:

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Class:

1 I

Absence:

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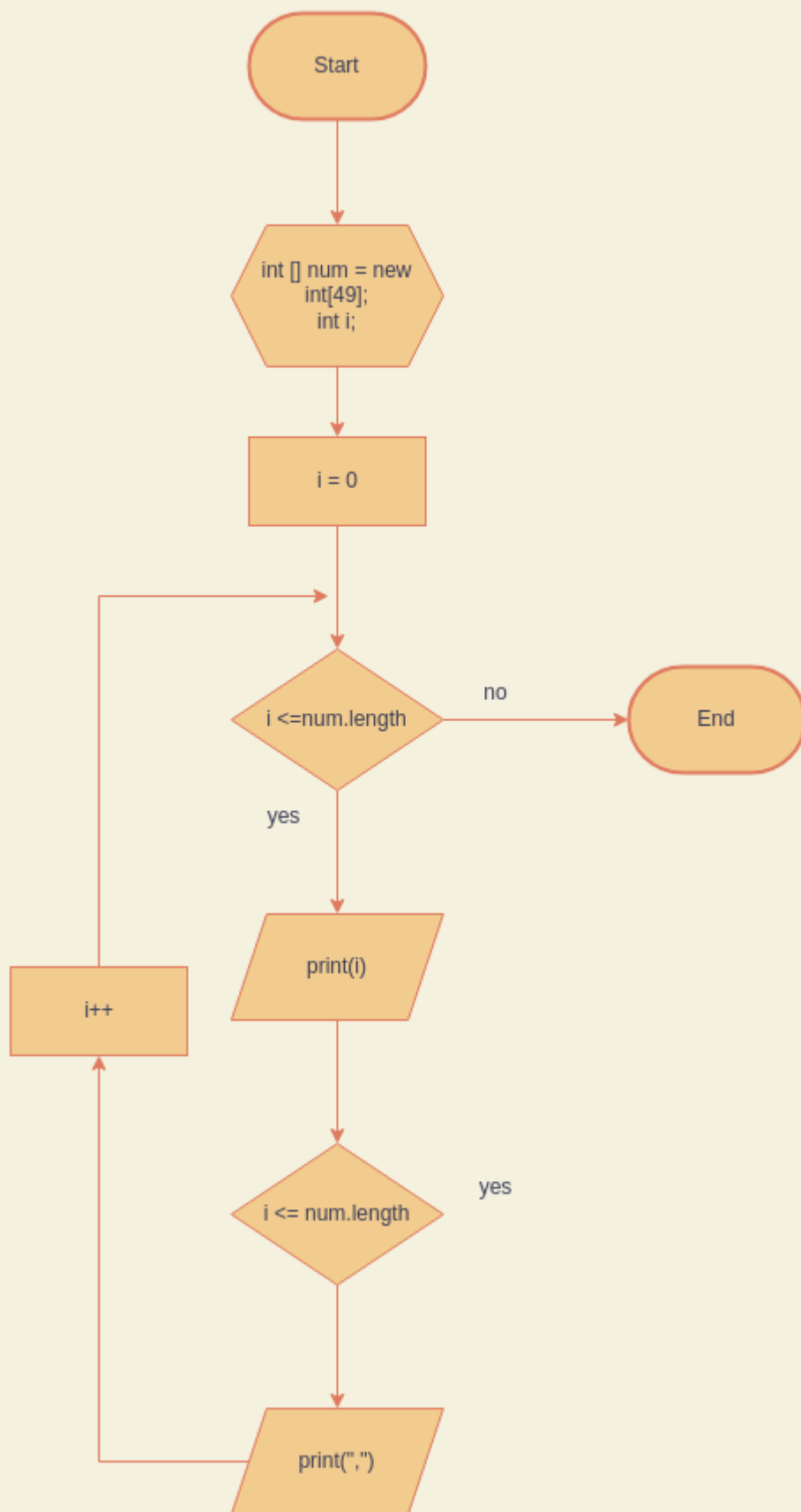**Major:**

Information Technology

Study Program:

Informatic Engineering

Assignment

1. Create a flowchart of variable array filling with 50 elements length using looping!

2. Create a flowchart to fill array elements with 5 elements, then display the contents of array in reverse order!

Answer

1.

```
                    ┌─────────────┐
                    │    Start    │
                    └──────┬──────┘
                           │
                           ▼
                    ┌─────────────┐
                    │ int [] num = new
                    │    int[49];
                    │    int i;    │
                    └──────┬──────┘
                           │
                           ▼
                    ┌─────────────┐
                    │    i = 0    │
                    └──────┬──────┘
                           │
                           ▼
                    ◇ i <=num.length ◇ ──no──▶  ( End )
                           │
                          yes
                           │
                           ▼
                    ▱ print(i) ▱
                           │
                           ▼
              i++    ◇ i <= num.length ◇   yes
                           │
                           ▼
                    ▱ print(",") ▱
```

2.

```
start
    |
    v
Integer [ ] num = {1,2,3,4,5};
    |
    v
Arrays.sort(num, Collections.reverseOrder());
    |
    v
println(Arrays.toString(num));
    |
    v
end
```