

Pre- Student Evaluation Test

Comparison of visual programming and hybrid programming environments in programming transfer skills

* Required

1. Student email *

2. Your team name: *

Mark only one oval.

- ☐ Team1: Study programming concept with Block-based
- ☐ Team2: Study programming concept with Hybrid based.

Questions

Questions

3. 1- What is the final value of X, and Y *

```
CoffeeScript
x=7
y=4
y = x-1
x = x + 3
```

Mark only one oval.

- ☐ x=7,y=4
- ☐ x=6,y=10
- ☐ x=10,y=6
- ☐ x=4,y=7
- ☐ x=x+3,y=x+1
- ☐ x=6,y=8

4. 2- What is the final value of X, and Y *

CoffeeScript
<pre>x=4 y=6 x = x + y y = x - y x = x - y</pre>

Mark only one oval.

- ☐ x=4,y=5
- ☐ x=6,y=4
- ☐ x=5, y=6
- ☐ x=10,y=7
- ☐ x=6,y=10
- ☐ x=10,y=6

5. 3- What is the final value of X, and Y (' and' mean AND operator, 'or' mean OR operator) *

CoffeeScript
<pre>x=true and false y=false or ture</pre>

Mark only one oval.

- ☐ x=false, y=false
- ☐ x=false, y=true
- ☐ x=true, y=false
- ☐ x=true, y=true

6. 4- What is the output *

```
CoffeeScript
x=0
if x> 0
  write 'number is positive'
else
  write 'number is negative'
```

Mark only one oval.

- ☐ number is positive
- ☐ number is negative
- ☐ Nothing

7. 5- What is the output *

```
CoffeeScript
x=8
y=x-9
if(x>=y)
  Write 'x is greater than y'
Else
  Write 'y is greater than x'
```

Mark only one oval.

- ☐ x is greater than y
- ☐ y is greater than x
- ☐ Nothing

8. If you had complex problem. what is the steps that you will take to solve this problem *

