

URECKON '24

Presents

Debugger

Let's Debug!

Solve the intricacies that prevent a code from working. Be the debugger, the only Dexterous man to get the program running. Do you have what it takes? Register to the Debugger, offered by ureckon 2024, the greatest techno- management fest. It provides you with a series of problems to be debugged and tested, to judge your capabilities! Why wait ? You are just a click away.

In the end it's all about Power and Strength.

Venue: UEM, Kolkata Campus Date:

17TH FEBRUARY, 2024



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ABOUT THE EVENT

"Debugger" is an exciting event for all aspiring programmers! In this event, participants will be challenged to find code flaws and predict the outputs of various code snippets. The answers will be in multiple choice format, so participants will need to think critically and apply their programming knowledge to succeed.

Overall, "Debugger" is an excellent opportunity for programmers of all levels to test and improve their skills. Whether you're a beginner looking to gain some experience or a seasoned pro looking to sharpen your debugging abilities, this event is sure to be a fun and educational experience. So why wait? Sign up for "Debugger" today and see how you measure up against your peers.



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RULES AND REGULATIONS

- This event consists of two rounds: -
 - Prelims
 - Finals
- It will consist of programs with errors to solve for testing basic programming and debugging skills.
- Cheating in any form will directly lead to the disqualification of the team.
- Top 10 teams will be selected for the Final Round.
- Programming languages will be C, C++, Java, JavaScript and Python.
- The decision of the jury will be considered final.
- Details of test platform will be emailed later upon registering
- Mode: Offline.

REQUIREMENTS:

- C, C++, Java, Python and JavaScript Proficiency



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EVENT STRUCTURE:

1. PRELIMS:

- a. This is an MCQ round with only answer correct.
- b. The point scheme is:
 - i. +4 for correct answer
 - ii. -1 for wrong answer
 - iii. 0 for un-attempted questions.
- c. Length: 30 minutes.
- d. Number of Questions: 35
- e. Top 10 teams, will be selected for final round.

2. FINALS:

- a. This is an MCQ round with only answer correct.
- b. The point scheme is:
 - i. +2 for correct answer
 - ii. -1 for wrong answer, no points
 - iii. 0 for un-attempted questions.
- c. Length: 30 minutes.
- d. Number of Questions: 40
- e. Top 3 teams at the end of the finals will be rewarded.



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SAMPLE

```
let mysterynum = 10;

function mystery(mysterynum) {
  if (mysterynum < 0) {
    return;
  }
  mysterynum++;
  console.log(mysterynum);
  mystery(--mysterynum);
}

mystery(mysterynum);
```

What will be the output of the code snippet?

- A) 10 infinite loop
- B) 11 infinite loop**
- C) 12 infinite loop
- D) The code will throw an error

```
def compute(x, y, operation):
    if operation == "add":
        return x + y
    elif operation == "subtract":
        return x - y
    else:
        return "Invalid operation"

def process(data):
    result = 0
    for item in data:
        result = compute(result, item, "add")
    return result

nums = [1, 2, 3, 4]
result = process(nums)
print(result)
```

What will be the output of the code snippet?

- A) 10**
- B) 6
- C) 4
- D) "Invalid operation"



JUDGING CRITERIA:

1. Accuracy:
 - a. The correct output and error messages should be selected from the provided options.
2. Adherence to Rules:
 - a. Participants should follow all rules and guidelines specified for the event
3. All the marks will be calculated according to the above Event Structure



EVENT CO-ORDINATORS

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