Tech Civil War

Bit-Battle

Sample MCQ Questions for Round 1: *Quiz*

1. **What is the output of the following C code?**

```
#include <stdio.h>
int main() {
  printf("%d", 5 + 2 * 3);
  return 0;
}
```

A. 21
B. 11
C. 15
D. Error

2. **Which of the following is NOT a valid C data type?**

A. int
B. float
C. string
D. char

3. **Which keyword is used to implement inheritance in Java?**

A. extends
B. extend
C. inherit
D. implement

4. **Which principle is demonstrated by method overriding?**
A. Encapsulation
B. Polymorphism
C. Abstraction
D. Inheritance

Sample Questions for Round 2: *Glitch-Fix*

1.
```
#include <stdio.h>
int main()
{
    int a, b;
    printf("Enter two numbers: ");
    scanf("%d %d", &a, b;
    int sum = a + b;
    printf("Sum is: %f\n", sum);
     return 0;
}
```

2.
```
#include <stdio.h>
void main()
{
   int num = 10-5;
   if(num = 5)
   {
       printf("Number is five");
   }
}
```

Sample Questions for Round 3: *Debugging*

1. In C,
   while(true) is ____?
   *(The output: "**INFINITELOOP**" is the password)*

2. int e = 30 + -12 * 2 / +4 + +9 % 5 - -7;
   System.out.println(e);

   (*The output:"**35**" is password*)

Sample Questions for Round 4: *Coding*

The last and most exciting round will be a **Surprise Coding Challenge**, designed to test your problem-solving skills and logical thinking. We will not be providing any sample questions for this round in advance. However, there's no need to worry — the challenge will be fully based on concepts covered in your syllabus. This round is meant to encourage you to think critically, apply your knowledge creatively, and code efficiently under time constraints. Get ready to give it your best shot and have fun while solving real-world inspired problems!

Rules:

- Participants must write their own code (No AI-generated or copied solutions).
- Volunteers' and teachers' decisions are final and cannot be challenged.

Important Note:

The questions provided here are only samples to help you understand the format and type of problems you may encounter. The actual event may include questions that **are more challenging, detailed, and complex than these examples**. Participants are advised to be prepared for a higher level of difficulty in the competition.

All the best! May your logic be sharp, your code be clean, and your skills lead you to victory!