Name :- Juber Pathan.

WOI

① Tic Tac Toe program.
   [player vs CPU]

② Oops concept.
   Abstraction, Polymorphism, encapsulation, Inheritance

③ Upcasting, downcasting

Tasa software

① Accept a number from user, if it is divisible
   by 3 then print "Hello", If divisible by 5 print
   "world"
   If divisible by 3 & 5 print "Hello World".

②
```
      *
    *  *  *
  *  *  *  *  *
    *  *  *
      *
```

③ Bubble Sort.

④ String Reverse.

* Coding Round :-> Tic-tac-toe. game in cpp.

   desc.:-> write a code for cpu as a
                                   opponent.

Technical - Round :->

   Q.1   How to access char array without using
           index .val.ex:-> you ~~can~~ ~~no~~ have to access
                 array without using a[0], a[1].

   Q.2. physics :->a). What is velocity ? ~~and~~

           b). when batsman ~~hit~~ hits the ball
               ~~band~~ ball crosses the ~~boundry~~ boundry line
          what will happed and write physics
          equation for that.

       C. which physics rules are applied in ~~angery~~
          " ANGRY BIRDS" Game.

Name :- Aniket Dahitule

Round 1 :-   Technical Aptitude (MCQ) C++

Round 2 :-   Technical Coding .
        program :- Tic tac toe .

Round 3 :-   Technical Interview .
        ① What is VTable .?
        ② What is Virtual Function ?
        ③ What is pure virtual function and write
            syntax of this .
            → virtual void add ( ) = 0 ;
        ④ Difference betⁿ virtual and pure virtual funⁿ.
        ⑤ How to write abstract class in C++
        ⑥
            Class A
            {
              Virtual void add ( ) ;
                void multiply ( ) ;
            }

            Class B extends class A
            {
                add ( ) ;
            }

            A *ptr* = new B( ) ;
Draw & Explain   the compilation blocks in above program?

Akshay M. Gaikwad   WOI Company

* First Round

 - Technical Test on C++ & oops concepts

* Second Round

 - 3 hrs coding test (Tic-Tac-Toe game)

* Third Round

 - what is object state?

 - Bubble sort algorithm & explain.

 - Defending technique while writing program.