

18. Fill in the blanks to make the program work and produce the given output.

```
public static void main(String str[] ) {
    String student[] = {"Smith", "Patel", "Ko", "Bush"};
    int exam [] = {70, 64, 85, 57};
    int i, max = 0, loc = -1;
    for( i = 0; i < exam.length; i++) {
        ..... // Condition for finding maximum
        ..... // Store the maximum
        ..... // Remember location of maximum
    }
    System.out.print("Highest mark -> " + max + "\t");

    System.out.println(" obtained by " + student[loc]);
}
```

Output:

Highest mark -> 85 obtained by Ko

19. State the output of this program segment.

```
public static void main(String str[] ) {
    char maze[] [] = { {'#', '#', '#', '#', '#'}, {'#', 'o', 'o', '#', '#'}, {'#', 'o', '#', 'o', '#'},
                       {'#', 'o', 'o', 'o', '#'}, {'#', '#', '#', '#', '#'} };

    for (int row = 0; row < 5; row++) {
        for (int col = 0; col < 5; col++)
            System.out.print(maze[row][col] + "\t");
        System.out.println( );
    }
}
```