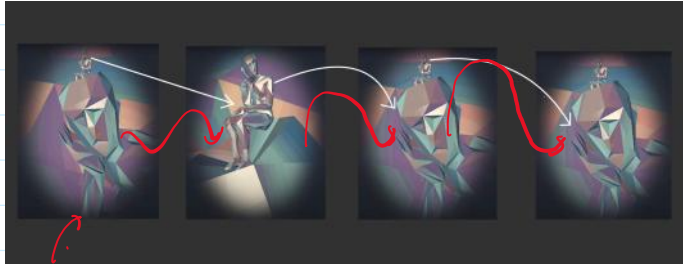


Basics of String

Tuesday, September 2, 2025 9:03 PM



Base condition

Recursion

function → function

// stopping condⁿ → ∞

```
fn(){  
  print(Azaan)  
  fn()  
}  
main(){  
  fn();  
}
```

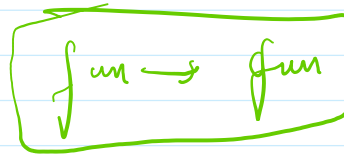
```
public class main {  
  1 public static void Print(){  
  2     System.out.println("Azaan");  
  3     Print();  
  }  
  4 public static void main(String[] args) {  
  5     Print();  
  }  
}
```

Memory

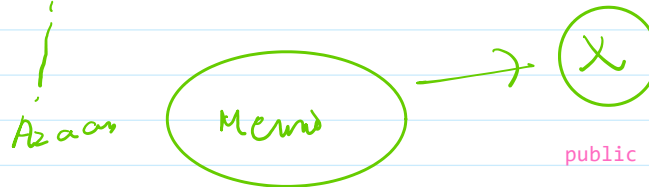
O/P →

Azaan
Azaan
Azaan
|

Az aam
Az aam
Az aam
Az aam



so
Memory full



```
public static void Shrishti_print_Recur(int n){
    if(n==0){ //Base case
        return ;
    }
    System.out.println("Shrishti"); //kaam
    Shrishti_print_Recur(n-1); //recursive
    call
}
```

```
public static void Shrishti_print_Recur(int n){
    ① if(n==0){ //Base case
        return ; ← stop/fun
    }
    ② System.out.println("Shrishti"); //kaam
    ③ Shrishti_print_Recur(n-1); //recursive call
}
```

n=10 9 8 7 6 5 4 3 2 1 0

shrishti ✓
shrishti ✓
shrishti ✓
!
shrishti

