SYNTAX OF MAIN METHOD:

- Method: group of sttment Execute a particular task

- Main method → heart of Java / Entry point of Java

- Accus modifier → visibility set (public / private)

- Return type ——→ void (null) main method not returning anything

- Static ——→ one time memory allocat
  ——→ dosen't require object

Accus Modifier	Return Type	Method Name	(String() args)

- Method_Name ——→ small letter ( )

    main (arguments) / (string () args)
    name

void eg: . void sum (int a, int b) Arguments

{
}

}

| Int sum → return type |
| Stying name → return type |
| without returning → void |

- String [] → arguments passing through array []
- args → arguments / can be change → who called
- Rest of syntax cannot change
- Static → Main method use method is called
  - command line Arguments

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② Looping Statements / iterative statement:

① For ——→ entry (First condition check) thn it's
   → entry control   it is true thn Execute

② while ——→ entry control

③ Do-while → Exit control

④ Nested for loop → Entry control

⑤ For each (enhanced for loop) → (entry control)

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① For loop:

for (int i=0; i<=10; i++)

{

  sysout (repeat);

}

- Repeated thing

eg:

② while loop:

while (condition)
{
    statement;
    j++;
}

③ do-while:

do
{
    statement;
    j++;
} while (condition) ⓘ False condition

} Find time Execut of change condition

ⓘ condition

Q1 → print 1 to 10 using for loop.

Q2 → 10 to 1 using for loop.

Q3 → print name 10 times.

Q4 → Sum of Natural Number 1→100.

Q5 → multiplication table of 5.

Q6 → while & do-while
    Q) run print 1→10
    Q2→ 1→10 print