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Programming.

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CLASSM
Date :
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3. Looping Statements

a) DO - CONTINUE LOOP

Fortran

```
DO 10 I = 1, 5
    PRINT*, I
10 CONTINUE
```

b. DO - ENDDO LOOP

Fortran

```
DO I = 1, 5
    PRINT*, I
ENDDO
```

c. DO - WHILE LOOP

Repeats while condition is true.

Fortran

```
DO WHILE (I. LE. 5)
    PRINT*, I
    I = I + 1
ENDDO
```

d. Implied DO Loop

Used inside input / output

Fortran

```
PRINT*, (A (I), I = 1, 5)
```

e. Nested DO Loop.

Loop inside another loop.

Fortran

```
DO I = 1, 3
    DO J = 1, 2
        PRINT*, I, J
    ENDDO
ENDDO.
```