Lec-5
[illegible]

Number System

Decimal number → 0 → 9 (base 10)
Binary number → 0 → 1 (base 2)
octal number → 0 → 7 (base 8)
hex → 0 → 9, A → F (base 16)

[illegible]

[illegible]

[illegible]

$2^3x_3 + 2^2x_2 + 2^1x_1 + 2^0x_0$

Instructions Decimal

Binary

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    int n = 100;
    int sum = 0;
    int mul = 1;
    while (n > 0) {
        sum = sum + n % 10;
        mul = mul * n % 10;
        n = n / 10;
    }
    System.out.println();
}
```

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    int n = number
    int sum = 0;
    int mul = 1;
    while (n > 0) {
        sum = sum + n % 10;
        mul = mul * n % 10;
        n = n / 10;
    }
    System.out.println();
}
```

Data Type

Keyword

Non-Keyword

Char

Int

Long

Short

Double

Char

Boolean

Data Type

Keyword

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Char

Boolean

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]