

```
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C
:\Program Files\JetBrains\IntelliJ IDEA Community Edition
2024.1.4\lib\idea_rt.jar=55465:C:\Program Files\
JetBrains\IntelliJ IDEA Community Edition 2024.1.4\bin" -
Dfile.encoding=UTF-8 -classpath D:\workspace\revisiting-
java-concepts\module-01-java-basics\out\production\module
-01-java-basics revisit.submodule04.numbersystem.
P04DisplayingAllNumberSystemsForARangeOfNumbers
```

Decimal: 0,	Binary: 0,	Octal: 0,	Hexadecimal: 0
Decimal: 1,	Binary: 1,	Octal: 1,	Hexadecimal: 1
Decimal: 2,	Binary: 10,	Octal: 2,	Hexadecimal: 2
Decimal: 3,	Binary: 11,	Octal: 3,	Hexadecimal: 3
Decimal: 4,	Binary: 100,	Octal: 4,	Hexadecimal: 4
Decimal: 5,	Binary: 101,	Octal: 5,	Hexadecimal: 5
Decimal: 6,	Binary: 110,	Octal: 6,	Hexadecimal: 6
Decimal: 7,	Binary: 111,	Octal: 7,	Hexadecimal: 7
Decimal: 8,	Binary: 1000,	Octal: 10,	Hexadecimal: 8
Decimal: 9,	Binary: 1001,	Octal: 11,	Hexadecimal: 9
Decimal: 10,	Binary: 1010,	Octal: 12,	Hexadecimal: a
Decimal: 11,	Binary: 1011,	Octal: 13,	Hexadecimal: b
Decimal: 12,	Binary: 1100,	Octal: 14,	Hexadecimal: c
Decimal: 13,	Binary: 1101,	Octal: 15,	Hexadecimal: d
Decimal: 14,	Binary: 1110,	Octal: 16,	Hexadecimal: e
Decimal: 15,	Binary: 1111,	Octal: 17,	Hexadecimal: f
Decimal: 16,	Binary: 10000,	Octal: 20,	Hexadecimal: 10
Decimal: 17,	Binary: 10001,	Octal: 21,	Hexadecimal: 11
Decimal: 18,	Binary: 10010,	Octal: 22,	Hexadecimal: 12
Decimal: 19,	Binary: 10011,	Octal: 23,	Hexadecimal: 13
Decimal: 20,	Binary: 10100,	Octal: 24,	Hexadecimal: 14
Decimal: 21,	Binary: 10101,	Octal: 25,	Hexadecimal: 15
Decimal: 22,	Binary: 10110,	Octal: 26,	Hexadecimal: 16
Decimal: 23,	Binary: 10111,	Octal: 27,	Hexadecimal: 17
Decimal: 24,	Binary: 11000,	Octal: 30,	Hexadecimal: 18
Decimal: 25,	Binary: 11001,	Octal: 31,	Hexadecimal: 19
Decimal: 26,	Binary: 11010,	Octal: 32,	Hexadecimal: 1a
Decimal: 27,	Binary: 11011,	Octal: 33,	Hexadecimal: 1b

Decimal: 28,	Binary: 11100,	Octal: 34,	Hexadecimal: 1c
Decimal: 29,	Binary: 11101,	Octal: 35,	Hexadecimal: 1d
Decimal: 30,	Binary: 11110,	Octal: 36,	Hexadecimal: 1e
Decimal: 31,	Binary: 11111,	Octal: 37,	Hexadecimal: 1f
Decimal: 32,	Binary: 100000,	Octal: 40,	Hexadecimal: 20
Decimal: 33,	Binary: 100001,	Octal: 41,	Hexadecimal: 21
Decimal: 34,	Binary: 100010,	Octal: 42,	Hexadecimal: 22
Decimal: 35,	Binary: 100011,	Octal: 43,	Hexadecimal: 23
Decimal: 36,	Binary: 100100,	Octal: 44,	Hexadecimal: 24
Decimal: 37,	Binary: 100101,	Octal: 45,	Hexadecimal: 25
Decimal: 38,	Binary: 100110,	Octal: 46,	Hexadecimal: 26
Decimal: 39,	Binary: 100111,	Octal: 47,	Hexadecimal: 27
Decimal: 40,	Binary: 101000,	Octal: 50,	Hexadecimal: 28
Decimal: 41,	Binary: 101001,	Octal: 51,	Hexadecimal: 29
Decimal: 42,	Binary: 101010,	Octal: 52,	Hexadecimal: 2a
Decimal: 43,	Binary: 101011,	Octal: 53,	Hexadecimal: 2b
Decimal: 44,	Binary: 101100,	Octal: 54,	Hexadecimal: 2c
Decimal: 45,	Binary: 101101,	Octal: 55,	Hexadecimal: 2d
Decimal: 46,	Binary: 101110,	Octal: 56,	Hexadecimal: 2e
Decimal: 47,	Binary: 101111,	Octal: 57,	Hexadecimal: 2f
Decimal: 48,	Binary: 110000,	Octal: 60,	Hexadecimal: 30
Decimal: 49,	Binary: 110001,	Octal: 61,	Hexadecimal: 31
Decimal: 50,	Binary: 110010,	Octal: 62,	Hexadecimal: 32
Decimal: 51,	Binary: 110011,	Octal: 63,	Hexadecimal: 33
Decimal: 52,	Binary: 110100,	Octal: 64,	Hexadecimal: 34
Decimal: 53,	Binary: 110101,	Octal: 65,	Hexadecimal: 35
Decimal: 54,	Binary: 110110,	Octal: 66,	Hexadecimal: 36
Decimal: 55,	Binary: 110111,	Octal: 67,	Hexadecimal: 37
Decimal: 56,	Binary: 111000,	Octal: 70,	Hexadecimal: 38
Decimal: 57,	Binary: 111001,	Octal: 71,	Hexadecimal: 39
Decimal: 58,	Binary: 111010,	Octal: 72,	Hexadecimal: 3a
Decimal: 59,	Binary: 111011,	Octal: 73,	Hexadecimal: 3b
Decimal: 60,	Binary: 111100,	Octal: 74,	Hexadecimal: 3c
Decimal: 61,	Binary: 111101,	Octal: 75,	Hexadecimal: 3d
Decimal: 62,	Binary: 111110,	Octal: 76,	Hexadecimal: 3e
Decimal: 63,	Binary: 111111,	Octal: 77,	Hexadecimal: 3f
Decimal: 64,	Binary: 1000000,	Octal: 100,	Hexadecimal: 40

Decimal: 65,	Binary: 1000001,	Octal: 101,	Hexadecimal: 41
Decimal: 66,	Binary: 1000010,	Octal: 102,	Hexadecimal: 42
Decimal: 67,	Binary: 1000011,	Octal: 103,	Hexadecimal: 43
Decimal: 68,	Binary: 1000100,	Octal: 104,	Hexadecimal: 44
Decimal: 69,	Binary: 1000101,	Octal: 105,	Hexadecimal: 45
Decimal: 70,	Binary: 1000110,	Octal: 106,	Hexadecimal: 46
Decimal: 71,	Binary: 1000111,	Octal: 107,	Hexadecimal: 47
Decimal: 72,	Binary: 1001000,	Octal: 110,	Hexadecimal: 48
Decimal: 73,	Binary: 1001001,	Octal: 111,	Hexadecimal: 49
Decimal: 74,	Binary: 1001010,	Octal: 112,	Hexadecimal: 4a
Decimal: 75,	Binary: 1001011,	Octal: 113,	Hexadecimal: 4b
Decimal: 76,	Binary: 1001100,	Octal: 114,	Hexadecimal: 4c
Decimal: 77,	Binary: 1001101,	Octal: 115,	Hexadecimal: 4d
Decimal: 78,	Binary: 1001110,	Octal: 116,	Hexadecimal: 4e
Decimal: 79,	Binary: 1001111,	Octal: 117,	Hexadecimal: 4f
Decimal: 80,	Binary: 1010000,	Octal: 120,	Hexadecimal: 50
Decimal: 81,	Binary: 1010001,	Octal: 121,	Hexadecimal: 51
Decimal: 82,	Binary: 1010010,	Octal: 122,	Hexadecimal: 52
Decimal: 83,	Binary: 1010011,	Octal: 123,	Hexadecimal: 53
Decimal: 84,	Binary: 1010100,	Octal: 124,	Hexadecimal: 54
Decimal: 85,	Binary: 1010101,	Octal: 125,	Hexadecimal: 55
Decimal: 86,	Binary: 1010110,	Octal: 126,	Hexadecimal: 56
Decimal: 87,	Binary: 1010111,	Octal: 127,	Hexadecimal: 57
Decimal: 88,	Binary: 1011000,	Octal: 130,	Hexadecimal: 58
Decimal: 89,	Binary: 1011001,	Octal: 131,	Hexadecimal: 59
Decimal: 90,	Binary: 1011010,	Octal: 132,	Hexadecimal: 5a
Decimal: 91,	Binary: 1011011,	Octal: 133,	Hexadecimal: 5b
Decimal: 92,	Binary: 1011100,	Octal: 134,	Hexadecimal: 5c
Decimal: 93,	Binary: 1011101,	Octal: 135,	Hexadecimal: 5d
Decimal: 94,	Binary: 1011110,	Octal: 136,	Hexadecimal: 5e
Decimal: 95,	Binary: 1011111,	Octal: 137,	Hexadecimal: 5f
Decimal: 96,	Binary: 1100000,	Octal: 140,	Hexadecimal: 60
Decimal: 97,	Binary: 1100001,	Octal: 141,	Hexadecimal: 61
Decimal: 98,	Binary: 1100010,	Octal: 142,	Hexadecimal: 62
Decimal: 99,	Binary: 1100011,	Octal: 143,	Hexadecimal: 63
Decimal: 100,	Binary: 1100100,	Octal: 144,	Hexadecimal:

Decimal: 101, Binary: 1100101, Octal: 145, Hexadecimal:
65

Decimal: 102, Binary: 1100110, Octal: 146, Hexadecimal:
66

Decimal: 103, Binary: 1100111, Octal: 147, Hexadecimal:
67

Decimal: 104, Binary: 1101000, Octal: 150, Hexadecimal:
68

Decimal: 105, Binary: 1101001, Octal: 151, Hexadecimal:
69

Decimal: 106, Binary: 1101010, Octal: 152, Hexadecimal:
6a

Decimal: 107, Binary: 1101011, Octal: 153, Hexadecimal:
6b

Decimal: 108, Binary: 1101100, Octal: 154, Hexadecimal:
6c

Decimal: 109, Binary: 1101101, Octal: 155, Hexadecimal:
6d

Decimal: 110, Binary: 1101110, Octal: 156, Hexadecimal:
6e

Decimal: 111, Binary: 1101111, Octal: 157, Hexadecimal:
6f

Decimal: 112, Binary: 1110000, Octal: 160, Hexadecimal:
70

Decimal: 113, Binary: 1110001, Octal: 161, Hexadecimal:
71

Decimal: 114, Binary: 1110010, Octal: 162, Hexadecimal:
72

Decimal: 115, Binary: 1110011, Octal: 163, Hexadecimal:
73

Decimal: 116, Binary: 1110100, Octal: 164, Hexadecimal:
74

Decimal: 117, Binary: 1110101, Octal: 165, Hexadecimal:
75

Decimal: 118, Binary: 1110110, Octal: 166, Hexadecimal:
76

Decimal: 119, Binary: 1110111, Octal: 167, Hexadecimal:

77

Decimal: 120, Binary: 1111000, Octal: 170, Hexadecimal:

78

Decimal: 121, Binary: 1111001, Octal: 171, Hexadecimal:

79

Decimal: 122, Binary: 1111010, Octal: 172, Hexadecimal:

7a

Decimal: 123, Binary: 1111011, Octal: 173, Hexadecimal:

7b

Decimal: 124, Binary: 1111100, Octal: 174, Hexadecimal:

7c

Decimal: 125, Binary: 1111101, Octal: 175, Hexadecimal:

7d

Decimal: 126, Binary: 1111110, Octal: 176, Hexadecimal:

7e

Decimal: 127, Binary: 1111111, Octal: 177, Hexadecimal:

7f

Decimal: 128, Binary: 10000000, Octal: 200, Hexadecimal:

80

Decimal: 129, Binary: 10000001, Octal: 201, Hexadecimal:

81

Decimal: 130, Binary: 10000010, Octal: 202, Hexadecimal:

82

Decimal: 131, Binary: 10000011, Octal: 203, Hexadecimal:

83

Decimal: 132, Binary: 10000100, Octal: 204, Hexadecimal:

84

Decimal: 133, Binary: 10000101, Octal: 205, Hexadecimal:

85

Decimal: 134, Binary: 10000110, Octal: 206, Hexadecimal:

86

Decimal: 135, Binary: 10000111, Octal: 207, Hexadecimal:

87

Decimal: 136, Binary: 10001000, Octal: 210, Hexadecimal:

88

Decimal: 137, Binary: 10001001, Octal: 211, Hexadecimal:

89

Decimal: 138, Binary: 10001010, Octal: 212, Hexadecimal: 8a
Decimal: 139, Binary: 10001011, Octal: 213, Hexadecimal: 8b
Decimal: 140, Binary: 10001100, Octal: 214, Hexadecimal: 8c
Decimal: 141, Binary: 10001101, Octal: 215, Hexadecimal: 8d
Decimal: 142, Binary: 10001110, Octal: 216, Hexadecimal: 8e
Decimal: 143, Binary: 10001111, Octal: 217, Hexadecimal: 8f
Decimal: 144, Binary: 10010000, Octal: 220, Hexadecimal: 90
Decimal: 145, Binary: 10010001, Octal: 221, Hexadecimal: 91
Decimal: 146, Binary: 10010010, Octal: 222, Hexadecimal: 92
Decimal: 147, Binary: 10010011, Octal: 223, Hexadecimal: 93
Decimal: 148, Binary: 10010100, Octal: 224, Hexadecimal: 94
Decimal: 149, Binary: 10010101, Octal: 225, Hexadecimal: 95
Decimal: 150, Binary: 10010110, Octal: 226, Hexadecimal: 96
Decimal: 151, Binary: 10010111, Octal: 227, Hexadecimal: 97
Decimal: 152, Binary: 10011000, Octal: 230, Hexadecimal: 98
Decimal: 153, Binary: 10011001, Octal: 231, Hexadecimal: 99
Decimal: 154, Binary: 10011010, Octal: 232, Hexadecimal: 9a
Decimal: 155, Binary: 10011011, Octal: 233, Hexadecimal: 9b
Decimal: 156, Binary: 10011100, Octal: 234, Hexadecimal:

9c

Decimal: 157, Binary: 10011101, Octal: 235, Hexadecimal:

9d

Decimal: 158, Binary: 10011110, Octal: 236, Hexadecimal:

9e

Decimal: 159, Binary: 10011111, Octal: 237, Hexadecimal:

9f

Decimal: 160, Binary: 10100000, Octal: 240, Hexadecimal:

a0

Process finished with exit code 0