REVANTH REDDY SOMIDI

STUDENT ID: T02204865

HANDS ON ASSIGNMENT 6

CONVERTING BINARY NUMBERS TO DECIMAL:

|  |  |
| --- | --- |
| BINARY NUMBER | DECIMAL NUMBER |
| 00110101 | 53 |
| 11111000 | 248 |
| 00011111 | 31 |
| 10101010 | 170 |
| 01010101 | 85 |
| 11111110 | 254 |
| 11111100 | 252 |
| 00111011 | 59 |
| 11001100 | 204 |
| 00110011 | 51 |
| 00000111 | 7 |
| 00111100 | 60 |

CONVERTING DECIMAL NUMBERS TO DECIMAL:

|  |  |
| --- | --- |
| DECIMAL NUMBER | BINARY NUMBER |
| 167 | 10100111 |
| 149 | 10010101 |
| 252 | 11111100 |
| 128 | 10000000 |
| 64 | 10000000 |
| 240 | 11110000 |
| 255 | 11111111 |
| 14 | 1110 |
| 15 | 1111 |
| 63 | 111111 |
| 188 | 10111100 |
| 224 | 11100000 |