EE 1910

Dr. Johnson

Homework 3

1 – Write each of the following numbers using the designated representation you must show your work .   30pts

Decimal 67 to unsigned 8 bit binary

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│              │
│              │
└──────────────┘
```

Decimal -67 to signed 8 bit binary

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┌──────────────┐
│              │
│              │
└──────────────┘
```

Decimal 93 to signed 8 bit binary

```
┌──────────────┐
│              │
│              │
└──────────────┘
```

2 – Write each of the following numbers using the designated representation you must show your work .   30pts

unsigned 8 bit binary 10011001 to decimal

[   ]

signed 8 bit binary 10011001 to decimal

[   ]

signed 8 bit binary 01100110 to decimal

[   ]

3 – Write each of the following numbers using the designated representation you must show your work .   40pts

unsigned 8 bit binary 10011001 to hex

signed 8 bit binary 10011001 to hex

hex 0x3B to unsigned 8 bit binary

hex 0xB3 to signed 8 bit binary