

```
#include <stdio.h>
```

```
unsigned char reverse_bits(unsigned char octet);
```

```
int main()
```

```
{  
    printf("%d", reverse_bits(38));  
    return (0);  
}
```

```
/* *****
```

```
** echo 00100110 | perl -lpe '$_=pack"B*",$_'
```

```
** echo "d" | perl -lpe '$_=unpack"B*"'
```

```
** ;; Convert binary to ascii with perl;
```

```
**
```

```
** echo "&" | perl -lpe '$_=unpack"B*"'
```

```
** echo 01100100 | perl -lpe '$_=pack"B*",$_'
```

```
** ;; Use perl to convert ascii char to binary
```

```
**
```

```
** echo "&" | perl -lpe '$_=unpack"B*"' && echo "d" | perl -lpe '$_=unpack"B*"'
```

```
** ;; See the bits reversed more easily
```

```
** *****
```

```
*/
```