

```
// BITSET IMPLEMENTATION
```

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

```
void printset(unsigned int set, int size){  
    int i;  
    for(i=0; i<size; i++){  
        printf("%d", set%2);  
        set = set >> 1;  
    }  
    putchar('\n');  
}
```

```
int isset(unsigned int set, int p){  
    return (set >> p) & 0x1;  
}
```

```
int setp(unsigned int set, int pos){  
    set = set | (0x1 << pos);  
    return set;  
}
```

```
int unsetp(unsigned int set, int pos){  
    set = set ^ (0x1 << pos);  
}
```