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QUIZ No: 4

```
#include <iostream>
```

```
using namespace std;
```

```
void bits_digits(int n, int &b, int &d)
```

```
{  
    int a = n; int b = 0, d = 0;  
    while(n != 0)
```

```
{  
        b++;  
        n = n >> 1;
```

```
}  
    while(a != 0)
```

```
{  
        d++;  
        a = a / 10;  
    }
```

```
}
```

```
int main()
```

```
{  
    int num, bits, digits;  
    cout << "Enter a number";
```

```
    cin >> num;
```

```
    bits_digits(num, bits, digits);
```

```
    cout << "Number of bits in" << num << " are" << bits << endl;
```

```
    cout << "Number of digits in" << num << " are" << digits;
```

```
    return 0;
```

```
}
```

10

4
write a function that calculate number of
bit & digit in a number
Display the output in main.