

HW04

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Q1)

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

```
int isPrime(int n){
```

```
    int i;
```

```
    for(i=2;2*i<=n;i++){
```

```
        if(n%i==0)
```

```
            return 0;
```

```
    }
```

```
    return 1;
```

```
}
```

```
int slen(char* str){
```

```
    int count = 0;
```

```
    while(str[count] != '\0')
```

```
        count++;
```

```
    return count;
```

```
}
```

```
void reverse(){
```

```
    int n;
```

```
    scanf("%d",&n);
```

```
    if(n>0)
```

```
        reverse();
```

```
    printf("%d ",n);
```

```
}
```

```
int sumdig(int n){
```

```
    int sum = 0;
```

```
    while(n > 0){
```

```
        sum+=n%10;
```

```
        n/=10;
```

```
    }
```

```
    return sum;
```

```
}
```

```
int main(void) {
```

```
    printf("%d\n", isPrime(17));
```

```
    printf("%d\n", slen("Whatever"));
```

```
    reverse();
```

```
    puts("");
```

```
    printf("%d\n", sumdig(628105));
```

```
    return 0;
```

```
}
```

Q2)

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2-

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