# C programing

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DEP:ECE-F

WEEK-1

# PRACTICE-1

```c
#include<stdio.h>
int main ()
{
printf("Hello, World!");
return 0;
}
```

| | Expected | Got | |
|---|---|---|---|
| ✓ | Hello, World! | Hello, World! | ✓ |

Passed all tests! ✓

```c
#include <stdio.h>
int main ()
{
char ch;
scanf("%c",&ch);
printf ("%c",ch);
return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | c | c | c | ✓ |

Passed all tests! ✓

```c
#include <stdio.h>
int main()
{
    int a,b;
    float c,d;
    scanf("%d %d",&a,&b);
    scanf("%f %f",&c,&d);
    printf("%d %d\n",a+b,a-b);
    printf("%.1f %.1f",c+d,c-d);
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | 10 4<br>4.0 2.0 | 14 6<br>6.0 2.0 | 14 6<br>6.0 2.0 | ✓ |
| ✓ | 20 8<br>8.0 4.0 | 28 12<br>12.0 4.0 | 28 12<br>12.0 4.0 | ✓ |

Passed all tests! ✓

# PRACTICE-2

```c
1   #include<stdio.h>
2   int main()
3   {
4   char name;
5   int a,b,c,d;
6   scanf ("%c\n",&name);
7   scanf ("%d %d %d",&a,&b,&c);
8   printf("%c\n",name);
9   d=(a+b+c)/3;
10  printf("%d",d);
11  return 0;
12  }
13
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | A<br>3 4 6 | A<br>4 | A<br>4 | ✓ |
| ✓ | T<br>7 3 8 | T<br>6 | T<br>6 | ✓ |
| ✓ | R<br>0 100 99 | R<br>66 | R<br>66 | ✓ |

```c
#include<stdio.h>
int main()
{
    int a;
    long b;
    char c;
    float d;
    double e;
    scanf("%d %ld %c %f %lf",&a,&b,&c,&d,&e);
    printf("%d\n%ld\n%c\n%.3f\n%.9lf",a,b,c,d,e);
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | 3 12345678912345 a 334.23 14049.30493 | 3<br>12345678912345<br>a<br>334.230<br>14049.304930000 | 3<br>12345678912345<br>a<br>334.230<br>14049.304930000 | ✓ |

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    char c;
    scanf("%c",&c);
    printf("%d\n",c);
    printf("%c %c",c-1,c+1);
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | E | 69<br>D  F | 69<br>D  F | ✓ |

Passed all tests! ✓