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## Week-01-Overview of C, Constants, Variables and Data Types

☰ Coding-C-Language Features-Optional

✓ Done

☰ Week-01-01-Practice Session-Coding

✓ Done

☰ Week-01-02-Practice Session-Coding

✓ Done

## Assessment-01-Overview of C, Constants, Variables and Data Types

```
1 #include<stdio.h>
2 int main()
3 {
4     printf("Hello, World!");
5     return 0;
6 }
```

	Expected	Got	
✓	Hello, World!	Hello, World!	✓

Passed all tests! ✓

Question 2

Objective



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char ch;
5     scanf("%c",&ch);
6     printf("%c",ch);
7     return 0;
8 }
```

Input	Expected	Got
✓ c	c	c ✓

Passed all tests! ✓



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int e,f,a,b;
5     float g,h,c,d;
6     scanf("%d %d",&a,&b);
7     scanf("%f %f",&c,&d);
8     e=a+b;
9     f=a-b;
10    g=c+d;
11    h=c-d;
12    printf("%d %d",e,f);
13    printf("\n%.1f %.1f",g,h);
14    return 0;
15 }
16
17
```

Input	Expected	Got	
✓ 10 4	14 6	14 6	✓
4.0 2.0	6.0 2.0	6.0 2.0	
✓ 20 8	28 12	28 12	✓
8.0 4.0	12.0 4.0	12.0 4.0	

Passed all tests! ✓



Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char x;
5     int m1,m2,m3,a;
6     scanf("%c",&x);
7     scanf("%d %d %d",&m1,&m2,&m3);
8     a=(m1+m2+m3)/3;
9     printf("%c",x);
10    printf("\n%d",a);
11    return 0;
12 }
```

12

Input	Expected	Got	
A	A	A	✓
3 4 6	4	4	✓
T	T	T	✓
7 3 8	6	6	✓
R	R	R	✓
0 100 99	66	66	✓



```
1 #include<stdio.h>
2 int main()
3 {
4     int a;
5     long b;
6     char ch;
7     float d;
8     double e;
9     scanf("%d %ld %c %f %lf",&a,&b,&ch,&d,&e);
10    printf("%d %ld %c %f %lf",a,b,ch,d,e);
11    return 0;
12 }
```

Input	Expected	Got	
✓ 3 12345678912345 a 334.23 14049.30493	3 12345678912345 a	3 12345678912345 a	✓
	334.230 14049.304930000	334.230 14049.304930000	

Passed all tests! ✓



Answer: (penalty regime: 0 %)

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

Input	Expected	Got	
✓ E	69	69	✓
D F	D F	D F	

Passed all tests! ✓