✓ 1. What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    char *p = NULL;
    char *q = 0;
    if (p)
        printf(" p ");
    else
        printf("nullp");
    if (q)
        printf("q\n");
    else
        printf(" nullq\n");
}
```

- (●) nullp nullq ✓
- ( ) Depends on the compiler
- ( ) x nullq where x can be p or nullp depending on the value of NULL
- ( ) p q

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    int i = 10;
    void *p = &i;
    printf("%d\n", (int)*p);
    return 0;
}
```

- (●) compile time error ✓
- ( ) run time error
- ( ) depends on the computer
- ( ) 10

✓ int *ptr, p; 1 / 1

- (●) ptr is a pointer to integer, p is not ✓
- ( ) ptr and p, both are pointers to integer
- ( ) ptr is a pointer to integer, p may or may not be
- ( ) ptr and p both are not pointers to integer

Add individual feedback

✓ const int *ptr; * 1 / 1

- (●) You cannot change the value pointed by ptr ✓
- ( ) You cannot change the pointer ptr itself
- ( ) You May or may not change the value pointed by ptr
- ( ) You can change the pointer as well as the value pointed by it

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    int *ptr, a = 10;
    ptr = &a;
    *ptr += 1;
    printf("%d,%d/n", *ptr, a);
}
```

- ( ) 10,10
- ( ) 10,11
- ( ) 11,10
- (●) 11,11 ✓

✓ How many number of pointer (*) does C have against a pointer variable declaration? * 1 / 1

- ○ 7
- ○ 127
- ○ 255
- ◉ No limits ✓

Add individual feedback

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    int a[4] = {1, 2, 3, 4};
    int b[4] = {1, 2, 3, 4};
    int n = &b[3] - &a[2];
    printf("%d\n", n);
}
```

- ◉ -3 ✓
- ○ 5
- ○ 4
- ○ Compile Time Error

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    int a[4] = {1, 2, 3, 4};
    int *p = &a[1];
    int *ptr = &a[2];
    ptr = ptr * 1;
    printf("%d\n", *ptr);
}
```

- ○ 3
- ○ 2
- ◉ Compile time error ✓
- ○ Undefined behaviour

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    int ary[4] = {1, 2, 3, 4};
    printf("%d\n", *ary);
}
```

- ◉ 1 ✓
- ○ Compile Time Error
- ○ Some Garbage Value
- ○ Undefined Variable

✓ What will be the output of the following C code? * 1 / 1

```c
#include <stdio.h>
int main()
{
    const int ary[4] = {1, 2, 3, 4};
    int *p;
    p = ary + 3;
    *p = 5;
    printf("%d\n", ary[3]);
}
```

- ○ 4
- ◉ 5 ✓
- ○ 3
- ○ Compile Time error