

PG-DESD - C Programming Twisters Activity

1. What will be the output of following program?

```
#include <stdio.h>
int x = 3;
int main(void)
{
    int x = 4, i;
    for(i = 0; i < x; ++i)
    {
        int x = 0; printf("%d ", x++);
    }
    return 0;
}
```

2. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    int main = 3;
    printf("%o", main);
    return 0;
}
```

3. What will be the output of following program?

```
#include <stdio.h>
int main = 3;
int main(void)
{
    printf("%o", main);
    return 0;
}
```

4. What will be the output of following program?

```
#include <stdio.h>

int num;
int function(int n)
{
    int num = 10;
    return num;
}
```

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```
int main(void)
{
    printf("%d %d\n", num, function(20));
    return 0;
}
```

5. What will be the output of following program?

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

```
int no1 = 71, no2 = 17;
void swapping(int no1, int no2)
{
    int temp = no2;
    no2 = no1;
    no1 = temp;
}
int main(void)
{
    int no1 = 17, no2 = 71;
    printf("%d %d ", no1 , no2);
    swapping(no1, no2);
    printf("%d %d\n", no1, no2);
    return 0;
}
```