

PG-DESD - C Programming Twisters Activity

1. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    int k=1;
    switch(k++)
    {
        default : printf("0");
        case 1: case 2: printf("2");
        case 3*0: printf("1");
    }
    return 0;
}
```

2. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    float i=1.5;
    switch((int)i)
    {
        case 1: printf("1"); case 2: printf("2");
        default : printf("0");
    }
    return 0;
}
```

3. What will be the output of following program?

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

4. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    int a = 1000000L;
    for(a=1; a<10; ++a);
    {
        printf("%d, ", a);
    }
    return 0;
}
```

5. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    char i = 0;
    do
    {
        printf("%d, ", i);
    }while(i--);
    return 0;
}
```

6. What will be the output of following program?

```
#include <stdio.h>
int main(void)
{
    int i, j;
    for(i = 1; i <= 3; i+=2)
        for(j = 1; j <= 3; j+=2)
            printf(" %d, ", i+j);
    return 0;
}
```