GATE TECHNICAL TRAINING 18-11-2024

DSA QUESTIONS - C code snippet

1.

main.c | Share | Run | Output

```c
#include <stdio.h>
char *f();
char a='a';
int main(int argc,char *argv[]) {
    char *temp=f();
    printf("%s",temp);
    return 0;
}
char *f(){
    return &a;
```

```
a

=== Code Executio
```

2.

main.c | Share | Run | Output

```c

#include "stdio.h"
#include "stdlib.h"
int main(int argc,char *argv[]){
    char temp[20];
    gcvt(23.45,2,temp);
    printf("%s",temp);
    return 0;
}

```

```
23

=== Code Executio
```

3.

main.c | Share | Run | Output

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

int main(int argc, char* argv[]) {
    int a = atoi("100");
    printf("%d", a);
    return 0;
}

```

```
100

=== Code Execut
```

4.

main.c | Share | Run | Output

```c
#include <stdio.h>
#include<stdlib.h>
int main(){
    if(printf("cppbuzz.com"))
    printf("cppbuzz.com");
    return 0;
}
```

```
cppbuzz.comcppbuzz.com

=== Code Execution Successful
```

5.

```c
#include "stdio.h"

int main(){
    int x=10;
    {
        int x=0;
        printf("%d",x);
    }
    return 0;
}
```

```
0

=== Code Executi
```

6.

```c
#include "stdio.h"
int main(){
    char *ptr1,*ptr2;
    printf("%d %d",sizeof(ptr1),sizeof(ptr2));
    return 0;
}
```

```
8 8

=== Code Exec
```

7.

main.c | Share | Run | Output

```c
7)#include<stdio.h>
int a=20;
int main(){
    int a=10;
    printf("%d",::a);
    return 0;
}
```

```
/tmp/2GjVrxSOeG.c:1:3: error: s
    1 | 7)#include<stdio.h>
      |   ^
ERROR!
/tmp/2GjVrxSOeG.c: In function
/tmp/2GjVrxSOeG.c:5:5: warning:
    'printf' [-Wimplicit-functi
```

8.

main.c | Share | Run | Output

```c
#include <stdio.h>
int a = 20;
int main() {
    int a = 10;
    printf("%d", a);
    return 0;
}
```

```
10

=== Code Execut
```

9.

main.c

Share Run

```c
#include <stdio.h>

int main(){
    if(printf("C proggimg is ")){
        printf("Easy");
    }
    else{
        printf("Hard");
    }
    return 0;
}
```

Output

```
C proggimg is  Easy

=== Code Execution S
```

10.

main.c

Share Run

```c
#include <stdio.h>
char *f();
char a='a';
int main(int argc,char *argv[]){
    char *temp=f();
    printf("% &",temp);
    return 0;
}
char *f(){
    return &a;
}
```

Output

```
% &

=== Code Exe
```