



## ASSIGNMENT

1. Write a function to accept five names of students from the user (use 2D array). Write another function to print these names. Finally write a function to sort student names.

2. Classwork

### TWISTERS

```
1. #include<stdio.h>
#define ROW 5
#define COL 8
int main(void)
{
    static char arr[ROW][COL] = {"PRECAT", "PG-DAC",
    "PG-DMC", "PG-DBDA", "PG-DESD"};
    printf("%c, %c", *(arr[3]+3), (*(arr+3)+3));
    return 0;
}
```

- A. D, D
- B. C, C
- C. B, B
- D. A, A

**Answer: A**



2. #include<stdio.h>

int main(void)

{

static char \*s[] = { "PG-DAC" , "PG-DMC", "PG-DBDA",  
"PG-DESD"};

char \*\*ptr[] = {s+3, s+2, s+1, s};

char \*\*\*p=NULL;

p = ptr;

p++;

++p;

printf("%s", \*\*p+3);

return 0;

}

A. PG-DMC

B. PG-DBDA

C. PG-DESD

D. DMC

**Answer: D**



**3. #include<stdio.h>**

**#define NO 10**

**#define LEN 9**

**int main(void)**

**{**

**char str[NO][LEN]={"PG-DAC","PG-DESD","PG-DMC",  
"PG-DBDA","PreCat"};**

**printf("%d %d %d",sizeof(str),sizeof(str[LEN]) ,  
sizeof(str[NO-1][LEN-1]));**

**return 0;**

**}**

**A. 90 9 1**

**B. 45 9 1**

**C. 90 9 4**

**D. 90 9 8**

**Answer: A**



4. If following program having name cmdline is run from the command line as –

`"/cmdline.out PG-DBDA PG-DESD PG-DMC PG-DAC"`  
then what would be the output?

```
#include<stdio.h>
int main(int argc, char *argv[])
{
    int i=0, len=argc;
    while(argv[i])
    {
        printf("%c",argv[i++][argc-len]);
    }
    return 0;
}
```

- A. .PPPP
- B. /DSCC
- C. .DSCC
- D. /PPPP
- E. h-DMC

**Answer: A**