ASSIGNMENT

1. Write a function to accept a 2-D array from the user. Write another function to print the 2-D array. Re-use these functions in rest of the assignments wherever required.

2. Write functions to calculate addition, subtraction, multiply two matrices of 3x3.

3. Write a function to calculate the sum of elements in the given row. Write another function to calculate the sum of elements in the given column.

TWISTERS

1. #include <stdio.h>
int main(void)
{
	char str[] = "PrecatQuiz";
	printf("%s %s %sn", &str[5], &5[str], str+5);
	printf("%c %c %cn", *(str+6), str[6], 6[str]);
	return 0;
}
A. Runtime Error
B. Compiler Error
C. uiz uiz uiz u u u
D. tQuiz tQuiz tQuiz nQ Q Qn

Answer: D

2. #include <stdio.h>
int main(void)
{
	int str[]={'P','R','E','C','A','T'};
	printf("A%c ",str);
	printf("A%s ",str);
	printf("A%c ",str[0]);
	return 0;
}
A. A A A
B. A AP AP
C. A [Garbage Value] AP AP
D. Compiler error

Answer: C

3. #include <stdio.h>

```
int main(void)
{
        char city[]="PUNE";
        char *ptr=city;
        while(*ptr != '\0')
        {
                printf("%c", *ptr);
                ptr++;
        };
        return 0;
}
```

A. P
B. PUNE
C. Compiler error
D. None of the above

Answer: B

4. #include <stdio.h>
int main(void)
{
	int a[5] = {5, 1, 15, 20, 25};
	int i, j, m;
	i = ++a[1];
	j = a[1]++;
	m = a[i++];
	printf("%d, %d, %d", i, j, m);
	return 0;
}

A. 3,2,15
B. 2,3,20
C. 2,1,15
D. 1,2,5

Answer: A