

C Programming Assignment - 24

1. What are the programming language paradigms?
2. What are the steps that we have to follow while writing the program?
3. What is mean by iteration and what are the syntactical ways in which we can perform iterations in C?
4. What is difference between for loop and while loop?
5. What is difference between while loop and do while loop?
6. What is mean by selection?
7. What is difference between if else if and switch case?
8. Explain the below syntax of for loop

```
int iCnt = 0;

for(iCnt = 1; iCnt<=10; iCnt++)
{
    printf("Marvellous");
}
```

9. Explain the below syntax of while loop

```
int iCnt = 1;

while(iCnt<=10)
{
    printf("Marvellous");
    iCnt++;
}
```

10. Explain the below syntax of do-while loop

```
int iCnt = 1;

do
{
    printf("Marvellous");
    iCnt++;
}while(iCnt<=10);
```