

Assignment – 10

```
// 1. WAP to Store records in a file.

#include <stdio.h>

int main(){
    FILE * file;

    file = fopen("text.txt", "w");

    fprintf(file, "%s", "Hello World\nWelcome in C");

    fclose(file);
    return 0;
}
```

Output : text.txt (File)

Hello World
Welcome in C

```
// 2. WAP to Read & display data from file.
```

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

```
int main(){
```

```
    FILE * file;
```

```
    file = fopen("text.txt", "r");
```

```
    char line[100];
```

```
    while (fgets(line, 100, file))
```

```
    {
```

```
        printf("%s", line);
```

```
    }
```

```
    fclose(file);
```

```
    return 0;
```

```
}
```

Output :

Hello World

Welcome in C

```
// 3. WAP to Display alternate characters from file.

#include <stdio.h>

int main() {
    FILE *file;
    char filename[100], c;
    int count = 0;

    file = fopen("text.txt", "r");

    while ((c = fgetc(file)) != EOF) {
        if (count % 2 == 0) {
            printf("%c", c);
        }
        count++;
    }

    fclose(file);

    return 0;
}
```

Output :

Hl0Wr0Wl0ei