

## EXP – 4

### EX – 1

```
#include <stdio.h>
#include <sys/stat.h>
#include <sys/types.h>
int main() {
    char dirname[256];
    printf("Enter directory name: ");
    scanf("%s", dirname);
    if (mkdir(dirname, 0755) == 0) {
        printf("Directory created successfully.\n");
    } else {
        perror("Error creating directory");
    }
    return 0;
}
```

### EX – 2

```
#include <stdio.h>
#include <dirent.h>
int main() {
    DIR *dir = opendir(".");
    if (dir == NULL) {
        perror("Error opening directory");
        return 1;
    }
}
```

```

    }

    struct dirent *entry;

    printf("Directory contents:\n");
    while ((entry = readdir(dir)) != NULL) {
        printf("%s\n", entry->d_name);
    }

    closedir(dir);
    return 0;
}

```

### EX – 3

```

#include <stdio.h>
#include <unistd.h>

int main() {
    char dirname[256];
    printf("Enter directory name to delete: ");
    scanf("%s", dirname);
    if (rmdir(dirname) == 0) {
        printf("Directory deleted successfully.\n");
    } else {
        perror("Error deleting directory");
    }
    return 0;
}

```

### EX – 4

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

```
#include <unistd.h>
```

```
int main() {
```

```
    char cwd[1024];
```

```
    if (getcwd(cwd, sizeof(cwd)) != NULL) {
```

```
        printf("Current working directory: %s\n", cwd);
```

```
    } else {
```

```
        perror("Error retrieving current directory");
```

```
    }
```

```
    return 0;
```

```
}
```