

```
import os
import shutil
```

```
def organize_files(directory):
```

```
    """
```

```
    Organizes files in the given directory into subfolders based on file types.
```

```
    :param directory: The path of the directory to organize.+
```

```
    """
```

```
    if not os.path.exists(directory):
```

```
        print(f"Directory '{directory}' does not exist.")
```

```
        return
```

```
    file_types = {
```

```
        "Images": [".jpg", ".jpeg", ".png", ".gif", ".bmp"],
```

```
        "Documents": [".pdf", ".doc", ".docx", ".txt", ".ppt", ".pptx", ".xls", ".xlsx"],
```

```
        "Videos": [".mp4", ".mkv", ".mov", ".avi"],
```

```
        "Music": [".mp3", ".wav", ".aac", ".flac"],
```

```
        "Archives": [".zip", ".rar", ".tar", ".gz"],
```

```
        "Scripts": [".py", ".js", ".html", ".css"],
```

```
    }
```

```
    for folder, extensions in file_types.items():
```

```
        folder_path = os.path.join(directory, folder)
```

```
        os.makedirs(folder_path, exist_ok=True)
```

```
        for file in os.listdir(directory):
```

```
            file_path = os.path.join(directory, file)
```

```
            if os.path.isfile(file_path) and os.path.splitext(file)[1].lower() in extensions:
```

```
                shutil.move(file_path, folder_path)
```

```
    print(f"Files in '{directory}' have been organized.")
```

```
directory_to_organize = "D:\CodeAlpha"
```

```
organize_files(directory_to_organize)
```