

# Homework: Linux Operational Basics Part 1

This document defines homework assignments from the [“Java Basics” Course @ Software University](https://softuni.org/). Please submit as homework a single **zip** / **rar** / **7z** archive holding the solution of **ONLY ONE** of the below described problems.

## Problem 1. Device File for SD Cards

What is the name of the device file for SD cards?

## Problem 2. Linux File Systems That Work With Memory

List at least 3 Linux file systems, specifically developed to work with memory (SD cards, USB drives, SSD disks).

## Problem 3. Command for Mounting Windows

What is the command for mounting Windows file system, so that all files belong to a single user?

## Problem 4. Primary + Extended Partition

Describe the process of creating a new MBR 1 Primary partition + 1 Extended Partition of type Linux.

## Problem 5. GUID Partition

Describe the process of creating a new GUID Partition

## Problem 6. Find and Rename

Write the command line for finding all files in a specific directory that end with “.c” and renaming them to end with “.cpp” (with the command **find**).