

Microprocessor Software Lab

Peanut Butter & Jam Sandwich Processor

Instruction Format (syntax):

Register _ Command _ Resource

Registers:

Left Hand (LH)

Right Hand (RH)

Commands:

Move to (MT)

Grab (GR)

Drop (DR)

Rotate (RT)

Resources:

Peanut Butter:

- Jar (PBJ)
- Lid (PBL)
- Contents (PBC)

Jam:

- Jar (JJ)
- Lid (JL)
- Contents (JC)

Bread:

- Bag (BB)
- Seal (BS)
- Contents (BC)

Knife (KN)

Spoon (SP)

Plate (PL)

Desk (DS)

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Peanut Butter & Jam Sandwich Processor Instructions

Instruction Format (syntax):

Register_Command_Resource

Sample Instructions:

Left Hand_Move to_Peanut Butter Jar
(LH_MT_PBJ)

Right Hand_Rotate_Spoon
(RH_RT_SP)