

void placeBlock(int blockType)

Java

```
public static void placeBlock(int blockType) {
    if (blockType >= 0 && blockType <= 11) {
        if (blockType <= 6) {
            if (inventory.contains(blockType)) {
                inventory.remove(Integer.valueOf(blockType));
                world[playerX][playerY] = blockType;
                System.out.println("Placed " + getBlockName(blockType) + "
at your position.");
            } else {
                System.out.println(
                    "You don't have " + getBlockName(blockType) + " in
your inventory.");
            }
        } else {
            int craftedItem = getCraftedItemFromBlockType(blockType);
            if (craftedItems.contains(craftedItem)) {
                craftedItems.remove(Integer.valueOf(craftedItem));
                world[playerX][playerY] = blockType;
                System.out.println(
                    "Placed " + getCraftedItemName(craftedItem) + " at
your position.");
            } else {
                System.out.println("You don't have " +
                getCraftedItemName(craftedItem)
                    + " in your crafted items.");
            }
        }
    } else {
        System.out.println("Invalid block number. Please enter a valid
block number.");
        System.out.println(BLOCK_NUMBERS_INFO);
    }
    waitForEnter();
}
```

Pseudocode

```
BEGIN

IF `
```

Flowchart

