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Quiz

```

w ← a
int f(int a)
{
    return (a % 7);
}

```

w ← a
w ← result

```

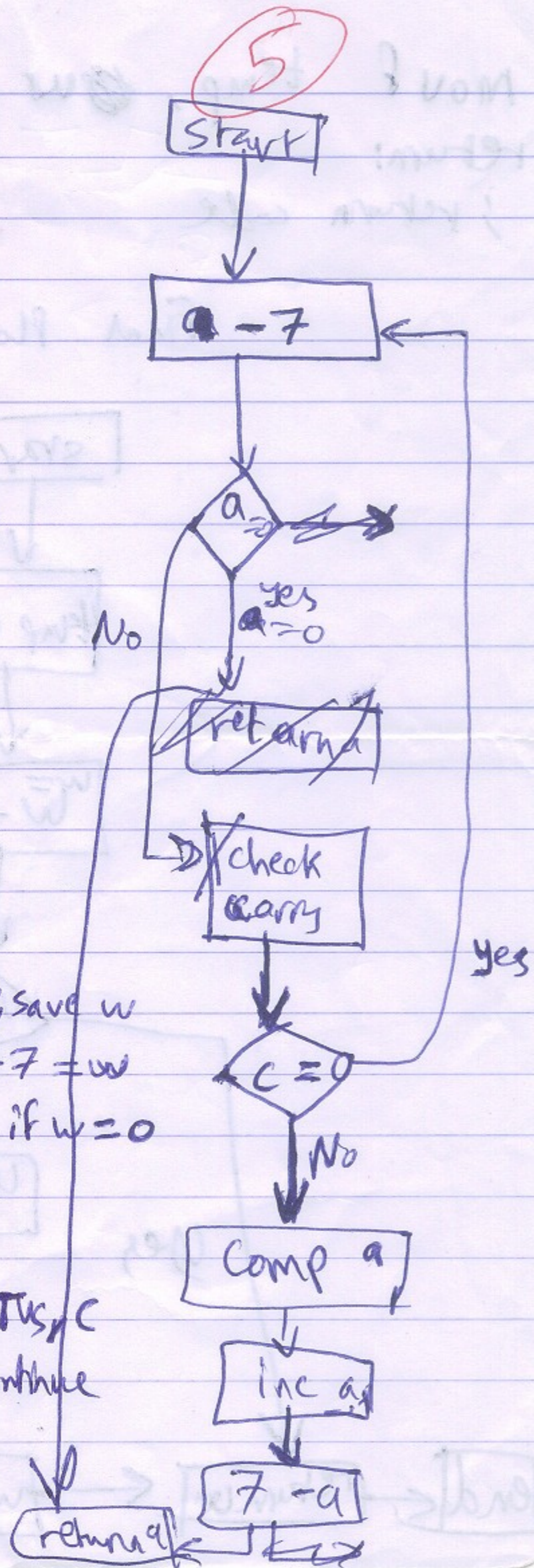
Code
temp equ 0x20
temp2 equ 0x21

```

```

F: mov movwf temp ; save w
sublw 7 ; w-7 = w
btfss STATUS, Z ; test if w=0
goto check carry
goto return
check carry: btfss STATUS, C
goto F ; C=0 continue
; C=1 take temp as
; return value

```



MOV F temp, W ; W = temp
return;
; return code

F - Final Flow chart:

