

# DECUS

## PROGRAM LIBRARY

DECUS NO.	FOCAL8-168
TITLE	ONE ARMED BANDIT - PDP-8 STYLE
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SOURCE LANGUAGE	FOCAL



## ONE ARMED BANDIT - PDP-8 STYLE

DECUS Program Library Write-up

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A FOCAL program which lets the operator "play" a slot machine.

### OPERATION

When called, the program identifies itself and lists the winning combinations and what it pays. It then asks, "Bet one dollar?" For a "Yes" answer, it "spins the wheels" and tells the player the results, typically LEMON LEMON LEMON PAYS \$20. It then shows player's current wins or losses, and asks again "BET ONE DOLLAR?" Termination is by a No response.

### PROGRAM

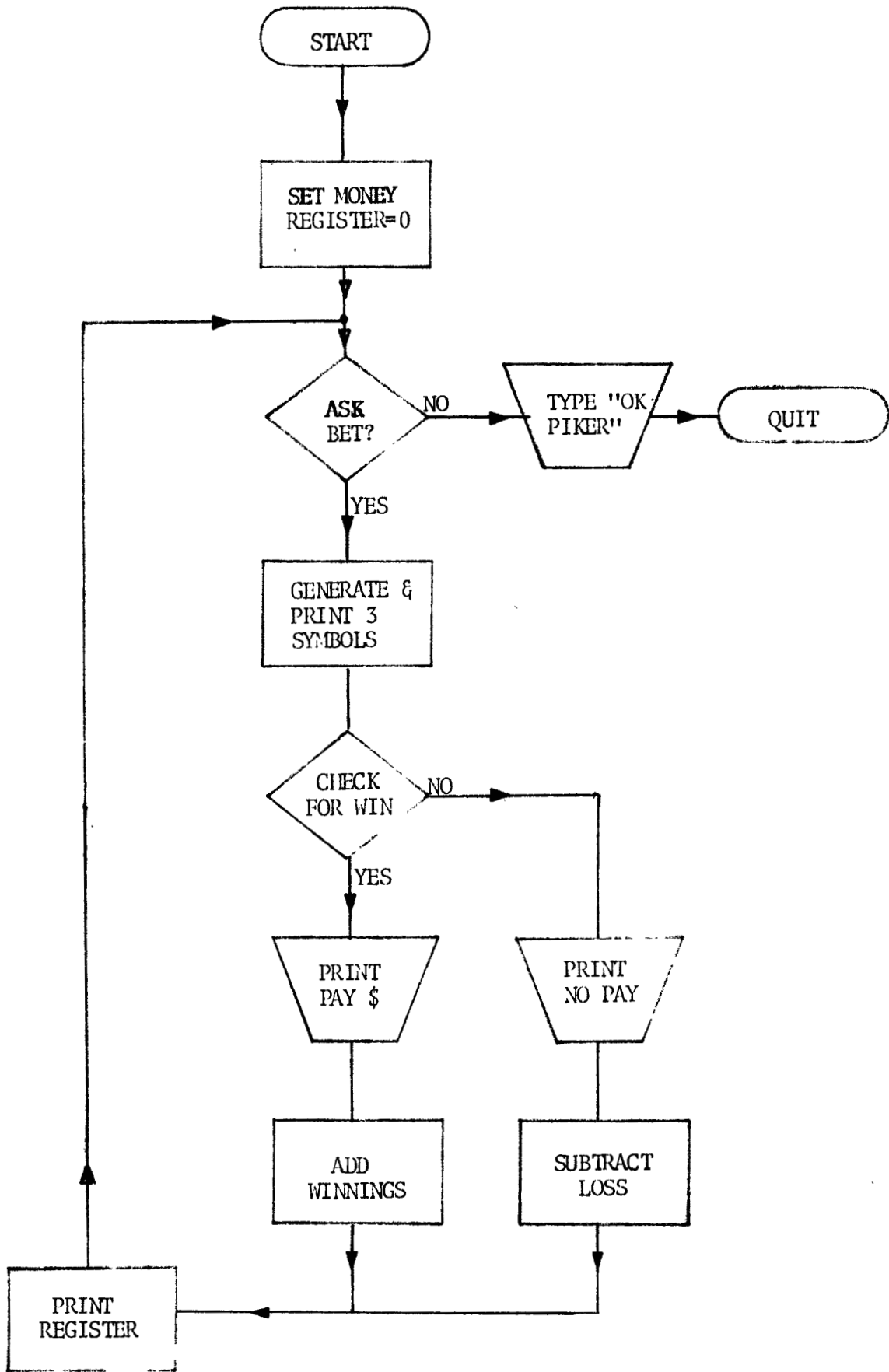
A DO loop involving FRAN ( ) is used to generate random integers from 0 through 7, corresponding to the eight characters on the wheel. After generation and display of three characters, successive IF statements look for winning combinations and output the results.

Running time is dependent upon the involvement of the player.

### REQUIREMENTS

4K FOCAL





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ONE ARMED BANDIT - PDP-8 STYLE

BAR	BAR	BAR	PAYS \$1000	JACKPOT!
BELL	BELL	BELL	PAYS \$500	
GRAPEF	GRAPEF	GRAPEF	PAYS \$200	
PLUM	PLUM	PLUM	PAYS \$100	
APPLE	APPLE	APPLE	PAYS \$100	
ORANGE	ORANGE	ORANGE	PAYS \$50	
LEMON	LEMON	LEMON	PAYS \$20	
BELL	BELL		PAYS \$20	
CHERRY	CHERRY		PAYS \$10	
APPLE	APPLE		PAYS \$10	
GRAPEF	GRAPEF		PAYS \$10	
PLUM	PLUM		PAYS \$5	
ORANGE	ORANGE		PAYS \$2	
CHERRY			PAYS \$1	

BET ONE DOLLAR?:YES

YOU SPUN PLUM GRAPEF ORANGE NO PAY  
YOU OWE ME= 1DOLLARS- BET ONE DOLLAR?:YES

YOU SPUN APPLE GRAPEF CHERRY NO PAY  
YOU OWE ME= 2DOLLARS- BET ONE DOLLAR?:YES

YOU SPUN APPLE APPLE BAR PAY \$10  
I OWE YOU= 8DOLLARS BET ONE DOLLAR?:YES

YOU SPUN BELL PLUM BELL NO PAY  
I OWE YOU= 7DOLLARS BET ONE DOLLAR?:YES

YOU SPUN CHERRY BELL BELL PAY \$1  
I OWE YOU= 8DOLLARS BET ONE DOLLAR?:YES

YOU SPUN BELL APPLE GRAPEF NO PAY  
I OWE YOU= 7DOLLARS BET ONE DOLLAR?:YES

YOU SPUN LEMON LEMON CHERRY NO PAY  
I OWE YOU= 6DOLLARS BET ONE DOLLAR?:YES

YOU SPUN CHERRY PLUM LEMON PAY \$1  
I OWE YOU= 7DOLLARS BET ONE DOLLAR?:YES

YOU SPUN LEMON GRAPEF LEMON NO PAY  
I OWE YOU= 6DOLLARS BET ONE DOLLAR?:YES

YOU SPUN BELL BELL LEMON PAY \$20  
I OWE YOU= 26DOLLARS BET ONE DOLLAR?:YES

YOU SPUN ORANGE PLUM PLUM NO PAY  
I OWE YOU= 25DOLLARS BET ONE DOLLAR?:NO

O-K PIKER\*