

Sample Runs on Windows

In the following sample runs, the blue text is user input and the other text is the program printout. You can try the provided sample program for other input. Your program output should be exactly the same as what the sample program produces (same text, symbols, letter case, spacings, etc.). Note that there is a trailing space after the ':' symbol in the user prompt text "Final answer: ".

Sample Run 1

The player gets first 2 questions correct, skips Question 3, and withdraws at level 4, earning \$2000.

```
Enter seed: 1↵
Question 1 ($1000):
46 + 40 = ?
A. 86 B. 64 C. 14 D. 92 E. Jump F. Withdraw
Final answer: A↵
Right!
Question 2 ($2000):
42 + 60 = ?
A. 102 B. 50 C. 17 D. 44 E. Jump F. Withdraw
Final answer: A↵
Right!
Question 3 ($3000):
14 * 41 = ?
A. 43 B. 574 C. 17 D. 51 E. Jump F. Withdraw
Final answer: E↵
Question 4 ($4000):
94 + 47 = ?
A. 77 B. 75 C. 53 D. 141 F. Withdraw
Final answer: F↵
Game over!
You got $2000!
```

Sample Run 2

The player gets first 4 questions correct, skips the safety-net Question 5, but answers the next question wrong. In this case, safety net does not apply, and the player earns \$0.

```
Enter seed: 1↵
Question 1 ($1000):
46 + 40 = ?
A. 86 B. 64 C. 14 D. 92 E. Jump F. Withdraw
Final answer: a↵
Right!
Question 2 ($2000):
42 + 60 = ?
A. 102 B. 50 C. 17 D. 44 E. Jump F. Withdraw
Final answer: a↵
Right!
Question 3 ($3000):
14 * 41 = ?
A. 43 B. 574 C. 17 D. 51 E. Jump F. Withdraw
Final answer: b↵
```

```
Right!
Question 4 ($4000):
94 + 47 = ?
A. 77 B. 75 C. 53 D. 141 E. Jump F. Withdraw
Final answer: d↵
Right!
Question 5 ($8000#):
30 * 55 = ?
A. 1650 B. 88 C. 4 D. 38 E. Jump F. Withdraw
Final answer: e↵
Question 6 ($10000):
74 * 4 = ?
A. 296 B. 11 C. 26 D. 30 F. Withdraw
Final answer: b↵
Wrong!
Game over!
You got $0!
```

Sample Run 3

The player gets first 4 questions correct, skips the safety-net Question 5, then answers Question 6 correct but Question 7 wrong. In this case, the safety net applies, and the player earns \$8000.

```
Enter seed: 1↵
Question 1 ($1000):
46 + 40 = ?
A. 86 B. 64 C. 14 D. 92 E. Jump F. Withdraw
Final answer: a↵
Right!
Question 2 ($2000):
42 + 60 = ?
A. 102 B. 50 C. 17 D. 44 E. Jump F. Withdraw
Final answer: a↵
Right!
Question 3 ($3000):
14 * 41 = ?
A. 43 B. 574 C. 17 D. 51 E. Jump F. Withdraw
Final answer: b↵
Right!
Question 4 ($4000):
94 + 47 = ?
A. 77 B. 75 C. 53 D. 141 E. Jump F. Withdraw
Final answer: d↵
Right!
Question 5 ($8000#):
30 * 55 = ?
A. 1650 B. 88 C. 4 D. 38 E. Jump F. Withdraw
Final answer: e↵
Question 6 ($10000):
74 * 4 = ?
A. 296 B. 11 C. 26 D. 30 F. Withdraw
Final answer: a↵
```

Right!
Question 7 (\$20000):
86 / 24 = ?
A. 99 B. 3 C. 50 D. 22 F. Withdraw
Final answer: c
Wrong!
Game over!
You got \$8000!

Sample Run 4

The player gets first 6 questions correct, skips Question 7 (\$20000), and then withdraws from the game at Question 8 (\$30000). In this case, the earning is \$10000 only.

Enter seed: 2
Question 1 (\$1000):
49 - 88 = ?
A. -39 B. 59 C. 80 D. 43 E. Jump F. Withdraw
Final answer: a
Right!
Question 2 (\$2000):
16 / 61 = ?
A. 22 B. 100 C. 0 D. 96 E. Jump F. Withdraw
Final answer: c
Right!
Question 3 (\$3000):
66 / 64 = ?
A. 27 B. 61 C. 13 D. 1 E. Jump F. Withdraw
Final answer: d
Right!
Question 4 (\$4000):
74 / 12 = ?
A. 21 B. 35 C. 6 D. 80 E. Jump F. Withdraw
Final answer: c
Right!
Question 5 (\$8000#):
84 * 76 = ?
A. 62 B. 67 C. 6384 D. 21 E. Jump F. Withdraw
Final answer: c
Right!
Question 6 (\$10000):
20 - 72 = ?
A. -52 B. 29 C. 43 D. 99 E. Jump F. Withdraw
Final answer: a
Right!
Question 7 (\$20000):
68 - 12 = ?
A. 83 B. 21 C. 89 D. 56 E. Jump F. Withdraw
Final answer: e
Question 8 (\$30000):
83 * 33 = ?
A. 2739 B. 19 C. 4 D. 52 F. Withdraw

Final answer: f
Game over!
You got \$10000!

Sample Run 5

The player gets all 15 questions correct, earning \$1M. Note the extra congratulation message at the end, and that the “E. Jump” option disappears in Question 15 (because the final question disallows it) even if it was not used in all previous questions.

```
Enter seed: 2
Question 1 ($1000):
49 - 88 = ?
A. -39 B. 59 C. 80 D. 43 E. Jump F. Withdraw
Final answer: a
Right!
Question 2 ($2000):
16 / 61 = ?
A. 22 B. 100 C. 0 D. 96 E. Jump F. Withdraw
Final answer: c
Right!
Question 3 ($3000):
66 / 64 = ?
A. 27 B. 61 C. 13 D. 1 E. Jump F. Withdraw
Final answer: d
Right!
Question 4 ($4000):
74 / 12 = ?
A. 21 B. 35 C. 6 D. 80 E. Jump F. Withdraw
Final answer: c
Right!
Question 5 ($8000#):
84 * 76 = ?
A. 62 B. 67 C. 6384 D. 21 E. Jump F. Withdraw
Final answer: c
Right!
Question 6 ($10000):
20 - 72 = ?
A. -52 B. 29 C. 43 D. 99 E. Jump F. Withdraw
Final answer: a
Right!
Question 7 ($20000):
68 - 12 = ?
A. 83 B. 21 C. 89 D. 56 E. Jump F. Withdraw
Final answer: d
Right!
Question 8 ($30000):
83 * 33 = ?
A. 2739 B. 19 C. 4 D. 52 E. Jump F. Withdraw
Final answer: a
Right!
Question 9 ($40000):
```

82 / 56 = ?
A. 13 B. 63 C. 1 D. 10 E. Jump F. Withdraw
Final answer: c
Right!
Question 10 (\$60000#):
47 - 56 = ?
A. 77 B. -9 C. 28 D. 82 E. Jump F. Withdraw
Final answer: b
Right!
Question 11 (\$80000):
87 * 5 = ?
A. 6 B. 435 C. 94 D. 74 E. Jump F. Withdraw
Final answer: b
Right!
Question 12 (\$150000):
99 * 65 = ?
A. 72 B. 1 C. 6435 D. 64 E. Jump F. Withdraw
Final answer: c
Right!
Question 13 (\$250000):
41 * 83 = ?
A. 3403 B. 9 C. 35 D. 87 E. Jump F. Withdraw
Final answer: a
Right!
Question 14 (\$500000):
9 + 63 = ?
A. 23 B. 72 C. 58 D. 55 E. Jump F. Withdraw
Final answer: b
Right!
Question 15 (\$1000000):
67 / 31 = ?
A. 2 B. 63 C. 10 D. 97 F. Withdraw
Final answer: a
Right!
Game over!
You got \$1000000!
Congrats! You are a millionaire!