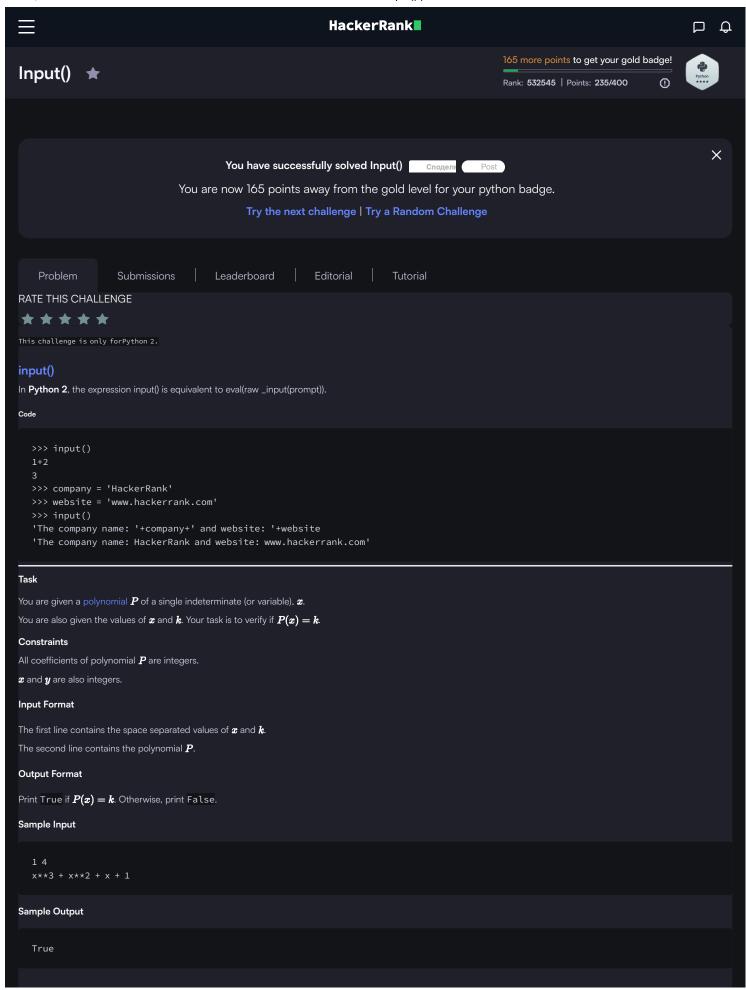
6/14/25, 2:39 PM Input() | HackerRank



```
Explanation
P(1) = 1^3 + 1^2 + 1 + 1 = 4 = k
Hence, the output is True.
                                                            Change Theme Language Pypy 3
                                                                                                              10
           # Link = https://www.hackerrank.com/challenges/input/problem
           a, b = map(int, input().split())
          poly_str = input().strip()
           def evaluate_poly(poly, x):
                   \# Replace 'x' with the value and evaluate
                   code = poly.replace('x', str(x))
                   return eval(code) # Evaluates the expression
               except:
                   return None # Return None if evaluation fails
          result = evaluate_poly(poly_str, a)
           if result is not None and result == b:
               print(True)
          else:
               print(False)
      18
                                                                                                            Line: 18 Col: 1
                                                                                                      Run Code
                                                                                                                 Submit Code
                     Test against custom input
   Congratulations
                                                                                                            Next Challenge
   You solved this challenge. Would you like to challenge your friends? f in
 Compiler Message
                        Success
```

