

# You have to solve 300 math problems through a code written in Python that connects to the server, takes the equation and sends the solution :

```
from pwn import *

def solve_expression(expr):
    try:
        result = eval(expr)
        return str(result)
    except ZeroDivisionError:
        return "0"
    except:
        return "0"

def main():
    conn = remote('172.104.132.31', 31337)

    conn.timeout = 70

    level = 1
    while level <= 300:
        try:
            data = conn.recvuntil(b'>', timeout=60).decode()
            print(f"Level {level}: {data}")

            if ':' in data:
                expr = data.split(':')[1].split('\n')[0].strip()
                print(f"Expression: {expr}")

                answer = solve_expression(expr)
                print(f"Answer: {answer}")
                conn.sendline(answer.encode())

            level += 1

        except EOFError:
            print("Server closed connection")
            break
        except Exception as e:
```

```
print(f"Error at level {level}: {e}")
break

try:
    final = conn.recvall(timeout=2).decode()
    print(f"Final message: {final}")
except:
    pass

conn.close()

if __name__ == "__main__":
    main()
```

THE FLAG : CTF{am\_innebunit\_cu\_asta\_frate\_4db7aef9}  
~Z4que