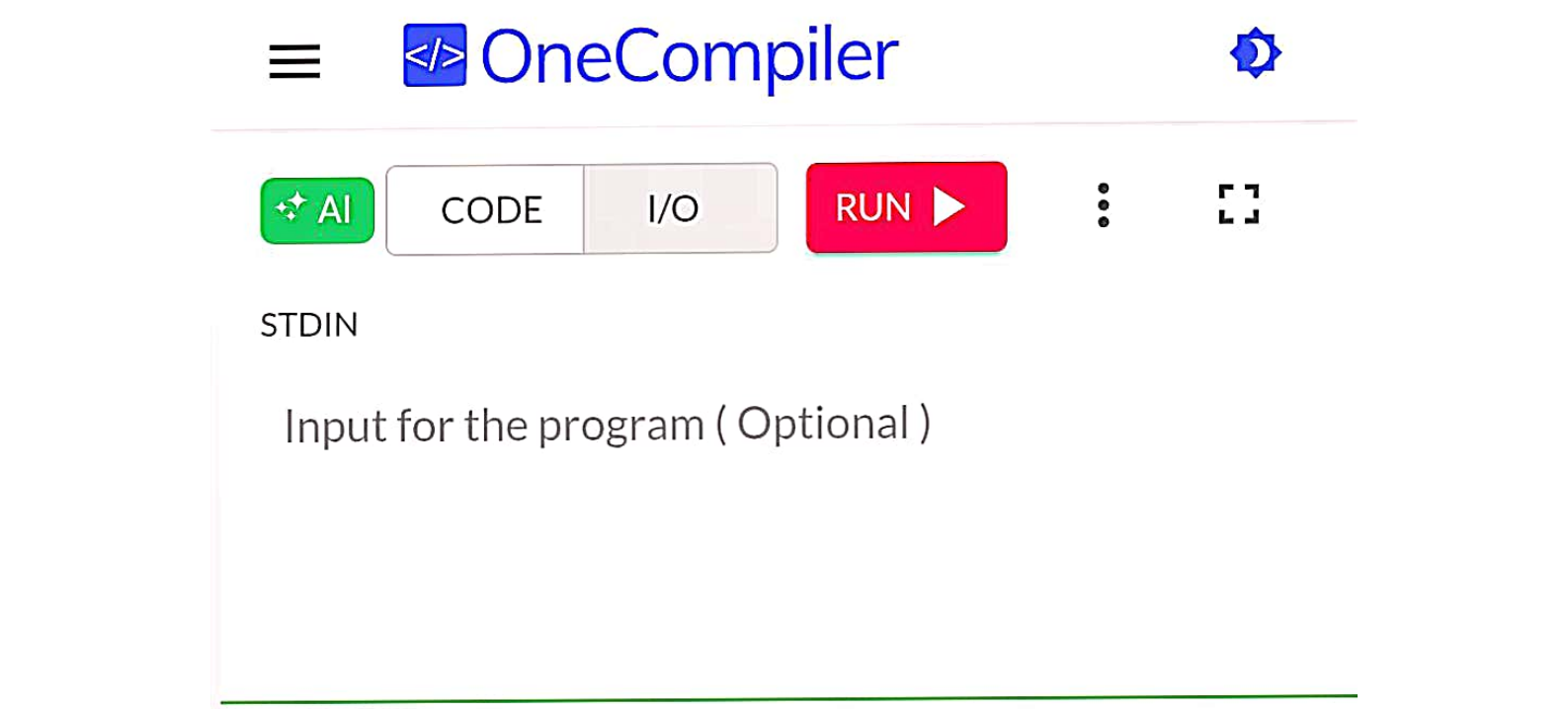
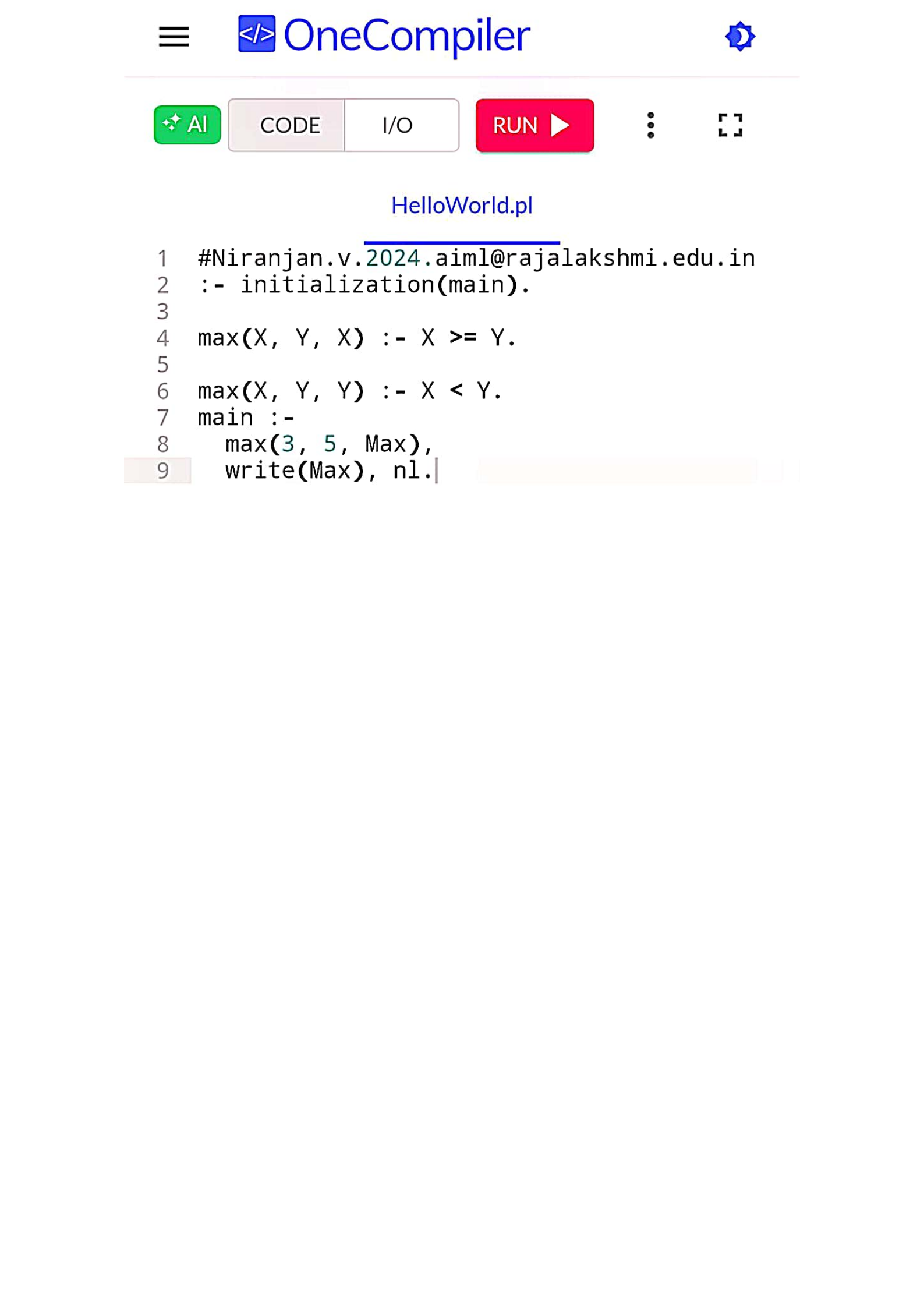
HelloWorld.pl

```
#Niranjan.v.2024.aiml@rajalakshmi.edu.in
:- initialization(main).
min(X, Y, X) :- X =< Y.
min(X, Y, Y) :- X> Y.
main :-
min(3, 5, Min),
write(Min), nl.
```


OneCompiler
AI
CODE
I/O
RUN
STDIN
Input for the program (Optional)
Output:
3


OneCompiler
AI
CODE
I/O
RUN
HelloWorld.pl
#Niranjan.v.2024.aiml@rajalakshmi.edu.in
:- initialization(main).
max(X, Y, X) :- X >= Y.
max(X, Y, Y) :- X < Y.
main :-
max(3, 5, Max),
write(Max), nl.

STDIN

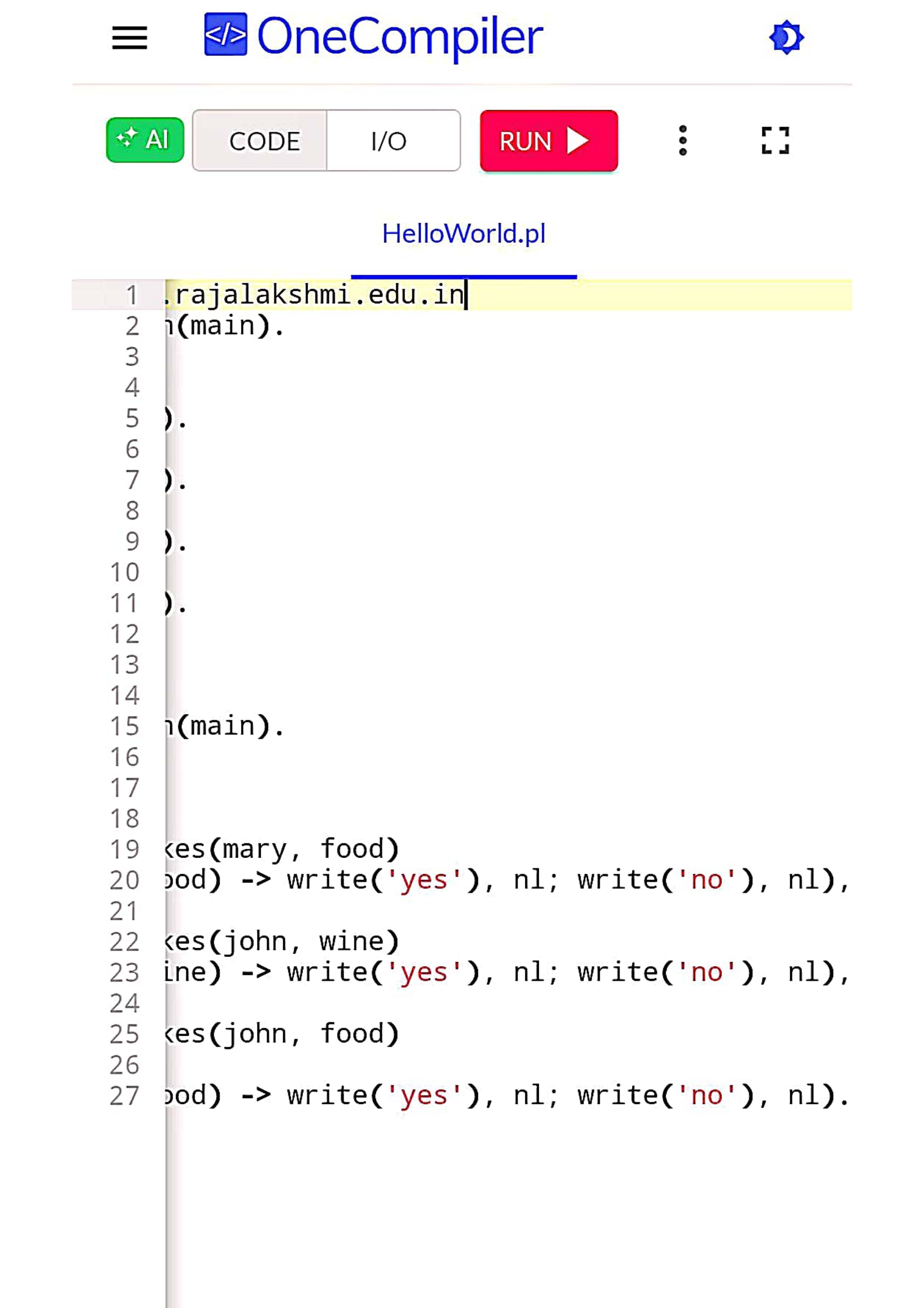
Input for the program (Optional)

Output:

5

HelloWorld.pl

```
#Niranjan.v.2023.rajalakshmi.edu.in
:- initialization(main).
% Facts

likes(mary, food).

likes(mary, wine).

likes(john, wine).

likes(john, mary).

% Queries

:- initialization(main).

main :-

  % Query for likes(mary, food)
  (likes(mary, food) -> write('yes'), nl;

  % Query for likes(john, wine)
  (likes(john, wine) -> write('yes'), nl;

  % Query for likes(john, food)

  (likes(john, food) -> write('yes'), nl;
```


OneCompiler
AI
CODE
I/O
RUN
HelloWorld.pl
.rajalakshmi.edu.in
n(main).
).
).
).
).
n(main).
kes(mary, food)
ood) -> write('yes'), nl; write('no'), nl),
kes(john, wine)
ine) -> write('yes'), nl; write('no'), nl),
kes(john, food)
ood) -> write('yes'), nl; write('no'), nl).

Output:

```
yes
yes
no
yes
yes
no
```