

ISSUE DESCRIPTION:

Complement doesn't work when input is a mixture of Symbols and numbers

```
>>> a=FiniteSet(x,y,2)
>>> b=Interval(-10,10)
>>> Complement(a,b)
{x, y}
```

Issue Description Project Codebase

project/codebase

main

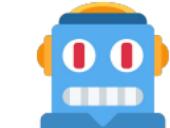
developer

- config
- src
- testing
- .gitignore
- README
- pyproject.toml

INITIAL PROMPT:

You can also create your own tools to help with your workflow

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Agent



Tools

2

```
$ cat file.c $ python tool.py $ grep -r x
```

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THOUGHT:

I noticed that to solve the issue I need to ... therefore I should create a custom tool to help me ...

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custom_tool.py

```
#!/usr/bin/env python3
import sys
# Import other packages if needed

def main():
    # main tool logic
    ...

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

Custom Tool

REFLECT:

Reflect and think if there are any tools you can create to help you with the current task.

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environmental_feedback

```
201 static rtx
202 widen_operand (rtx op,
203 int unsignedp, bool no_exten)
```



Feedback

Environment



\$

testbed
config
src
...
tools
...
tool.py
custom_tool.py

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Patch +12 -20

submitted patch