

Input: Python || Output: one-line Python code || Project Name: "Flatliner"

Evaluation Item	Unacceptable	Marginal	Proficient	Comments
Presentation - Thinking/Inquiry/Analysis - Innovative Feature (Scored 0-2/[3-4])	<p>The presentation did not convey the project's goals or results. The presentation was not appropriate for the audience.</p> <p>The speaker failed to convey the project's goals and results effectively. Delivery was disorganized/not concise.</p> <p>The innovative feature was omitted from the presentation.</p>	<p>The presentation slightly mistargeted the audience or had trouble with time. The speaker conveyed the project's goals and results.</p> <p>The speaker did not clearly convey the project's goals and results effectively. The delivery could have been more organized/concise.</p> <p>The innovative feature was mentioned but not clearly explained or demonstrated.</p>	<p>The presentation was targeted at an appropriate (technical) audience and was an appropriate length.</p> <p>The speaker conveyed the project's goals and results effectively. Delivery was organized and concise.</p> <p>The innovative feature was clearly explained and demonstrated (where appropriate).</p>	<ul style="list-style-type: none"> Overall, the presentation was delivered clearly, and it was easy to follow. The contributions from the various team members were clearly outlined. The technical details of the compiler were elaborated on at an appropriate level. <p>Mark: 4/4</p>
Impact - Delivery (Scored 0-2)	<p>The presentation failed to spark interest in many members of the audience.</p>	<p>The presentation made the audience interested about the project and introduced an aspect of the project that was interesting.</p>	<p>The presentation made the audience excited about the project and conveyed a clear sense of its value or potential.</p>	<ul style="list-style-type: none"> Motivation they presented was overall silly, but definitely kept us (as audiences) interested in the project. Testimonies from the beginning of the presentation were a great way to capture our attention. <p>Mark: 2/2</p>
Visual Aids (Scored 0-2)	<p>Few visual aids were selected or they were inappropriate for supporting the demo.</p> <p>There were many errors and/or issues with the visual aids.</p>	<p>The selected visual aids were insufficient, too numerous (took over the demo), or inappropriately utilized.</p> <p>There were some errors and/or issues with the visual aids.</p>	<p>The presenter selected and utilized visual aids appropriately to support their presentation.</p> <p>There were no errors/issues with the visual aids.</p>	<ul style="list-style-type: none"> Strong use of both diagrams and code blocks to assist in delivering information. <p>Mark: 2/2</p>

Q & A (Scored 0-1)	The speaker failed to demonstrate sufficient knowledge in the area of their compiler project with respect to the questions asked.	The speaker demonstrated partial understanding of their compiler project in answering questions.	The speaker demonstrated a solid understanding of their compiler project in answering questions.	<ul style="list-style-type: none"> Only a handful of questions, but they were answered well without any stuttering or second thoughts.
Feedback (Scored 0-1)	The student failed to provide complete feedback for all of their peer's presentations.	The student failed to provide complete feedback for some of their peer's presentations.	The student was able to provide useful feedback for all of their peer's presentations.	<p>Mark: 1/1</p> <p>Haocheng: 1/1 Naaz: 1/1 Ritvik: 0/1</p>

Additional Notes:

General:

- Providing a link to a live working demo (<https://flatliner.herokuapp.com/>) was a great addition because it allowed the audience to actually try out your compiler.
 - It was appreciated that an “active learning” method was attempted to create a participatory activity in a presentation. More time to actually solve the code (the one-line conversion), and solicit the audience for an answer would have been ideal. Then you can see what their (and eventually your) thought process was to solving the problem.
- The slides are well-formatted and easy to follow. Colour scheme is nice.
- Goes through various difficulties which arise specifically from their output language. Personally I would have liked to see more of this (seemed like it lasted only ~2-3 minutes) rather than spending additional time into comedic relief.
- Questions from the audience were handled well.
- Everyone spoke very clearly and seemed well-prepared.

BHARDWAJ RITVIK (1004042537)

- Was able to respond to questions effectively.

HU HAOCHENG (1005290855)

- Information communicated

SIBIA NAAZ (1004432321)

- Good intro, the humour broke the ice and made the presentation interesting.
- You communicated the material clearly and effectively.

Group Members:

1004042537	BHARDWAJ	RITVIK	ritvik.bhardwaj@mail.utoronto.ca	bhard118	<u>Score:</u>	10/ 10
1005290855	HU	HAOCHENG	hc.hu@mail.utoronto.ca	huhaoche	<u>Score:</u>	11/ 10
1004432321	SIBIA	NAAZ	naaz.sibia@utoronto.ca	sibiana	<u>Score:</u>	11/ 10

WINNER! Most Impressive Feature! +1 BONUS mark!

Student Feedback

Average Score: 4.76/5.0

What they liked?

I really liked the idea of reviews! it was a cool way to start off the presentation and get the audience engaged. I also enjoyed the diagrams which explained concept of the compiler, they are easy to understand as the presenter talked about it. Also cool challenge!

have a website that let us to try the compiler

Well polished and practiced presentation. I liked the reviews section. However it did go over time :(

I liked the approach, the idea, its was a great presentation

They had humor in their presentation, which is always good to keep listeners engaged. The slide show is also visually attractive and looks professional.

Very detailed and also funny.

Really liked the visuals as well as reviews by other professors and individuals in the intro. I also thought the presenter's did a very good job in delivering the information in a well paced, clear manner.

Overall it was a very nice and meaningful presentation. The PowerPoint was clean and easy to understand. They explained things well with proper examples.

Great flow, good structure, there was jokes.

I really liked their idea about making the code worse but cooler. Really unique. I didn't know it was possible to just compress everything into one line.

Breaking the fourth wall

Everything. The group presented all of the data in a really light and accessible method which was easy to understand. The group also did a good job interacting with the chat.

I thought the presentation was funny. I really liked that they had a website where you could try their compiler. I liked that their project was really unique. I also thought it was cool that they ran their compiler source code through their compiler.

I liked their project of converting code to 1 line code. It was good presentation steps and explanation

Lot of unique concepts, such as getting people to review the code. Furthermore, hosting their compiler online gives a chance for everyone to play around with their compiler, and gives a chance for user interaction.

There was a comedic undertone to make it engaging. There were lot of significant items discussed to give us an overview of the compiler. Overall, it was informative + entertaining.

I like the images showing the conversion of the input code to the output code, it helps a lot with understanding how the conversion from multiline python to single line python looks. And also explaining the run time of the compiled code, which notes why not many people would run single line python codes.

I liked how clean the presentation slides were, and how clear the explanation was for on how they converted certain parts of Python to C. I also found the ending quite funny.

I like how they created a website for their compiler so the audience can try out the compiler.

Well explained

Very good visual aids supporting their slides.

Very simple to understand their pipeline because of their way of explaining it despite it being quite complex.

The explanation was very thorough, they walked through every part of the compiler. They also have lots of features in their compiler.

The concise explanations

I liked the funny reviews section with the opinions of the profs and programmers.

I also like the concept in general and it seems like a neat way to beat any write Python code in one line challenge.

This presentation is both elegant and detailed explained.

It was in depth and they were able to run the compiler on there python code to make it one line.

The presentation was funny and the group was very clear and concise in their explanations

The presentation was very clean, and well, made me suffer

Each member was well spoken. They explained their design process well

the compiler is a very cool idea that seems very technical to implement, also the presentation was very entertaining to watch

I liked the clear and concise way they presented. It is clear that they are passionate about the project and put a lot of work into their presentation.

Really well executed with nice slides!

Their idea is very creative. Compile python code into one line of code. It compiles for optimization.

Amazing presentation with a live demo and working website to test their python to flatline-python compiler which allowed the audience to interact with their compiler with ease. I particularly enjoyed seeing the last slide where they used their flatline compiler on their own source code.

Make the tool public in a website is really cool. The presentation was well prepared and well structured. The project is cool. Comparing the timing is cool.

perfect ppt and performance, interesting and impressive functionality

I liked how in the beginning they showed a clear outline (agenda) for the presentation which also helped make transitions clear. I also liked the use of visuals and minimized text on slides.

What they didn't like?

Nothing much other than possibly everyone getting a fair chance to talk through the presentation and possibly a live demo, however, that was compensated well with screenshots. Also one main thing was when there is a lot of text on the screen, there was not enough time to read it before moving onto the next.

I think the detail about their implementation is not detailed enough

Why would you build this!?!?!?!

I think the presentation went overtime and there wasn't much time to ask questions. I think that they could have cut some parts and focused it more.

I liked everything, but maybe more examples

Browser could have been full-screened! There were a bit too many different typefaces/fonts in the slide show I think. It would look cleaner to just use one for title, one for text body, and one for code body.

Nothing, it was great

I noticed a small spelling error. Also would have liked to know what non-primitive types were being supported in the language.

Each block was explained thoroughly but they did not include enough explanation for the target code especially for the two types of loops. The target code was hard to finish reading with limited time.

Maybe too much time spent on introductions which could have been used to explain the compiler more.

The presentation was really good, i cant think of anything I didn't like.

Formatting

I think the presentation was a bit too fast.

I found it odd that everyone except Ritvik had a matching background and the jokes were somewhat distracting to their presentation at times.

There were not any examples of the output of the code.

When going through each of the different conversions, they may have gone over some of the topics too fast. As a result, might have some difficult following through.

Nothing.

While not terrible and a little quirky, I just felt the individual member introductions were unnecessary and kinda just felt like they padded out the total time for the presentation.

Just a bit too much self-deprecating humour haha.

There were some code that was skimmed over quickly making some parts of the presentation hard to follow.

Nothing everything was good

I wish they had more than 10 minutes :(to go over it in more detail

Didn't have enough examples showing off more of their features.

N/A. I dislike how they comailed their compiler.

The presentation is a bit long, but other than that it was great!

I am glad with all the aspects of this presentation.

A live demo would have been nice

Not much to say, it was short and sweet.

N/A

Not much it was a good presentation.

I think they talked about the implementation in too much detail and could've spent the time showing more features

Wanted to see more technical challenges they faced (talked about a bug that took two days to solve but didn't elaborate)

The project is too crazy!

All good.

There was nothing I disliked about this presentation at all.

The jokes in the presentation are kind of bad. Usually the bad ones would be funny if there is a few funny jokes, but none of them is actually funny. Not sure how IR is being used in the process. The timing comparison should include a couple more examples.

nothing

I didn't dislike anything about the presentation. I think overall it was great.

What could be improved?

I think it would have been nice to first introduce all the members of the project, instead of an introduction then mid way through the presentation introducing the group members.

more detail on the implementation

I think the project was interesting, and the presentation was well practiced overall. I would work on the timing of the presentation though - it was a bit long. I think the group went through too many examples, I would go through the examples a bit quicker and perhaps skip the about us section.

More examples, more implementation details

Reduce the number of typefaces/fonts in the slide show!

Maybe a demo of the language running? But in my opinion, they were really thorough so I'm not sure what more to add.

Maybe talk a little slower, but otherwise really good!

The compiler looks good to go but I couldn't see where it can be widely used because one line python code isn't commonly used in actual developing. They could make several built in use cases to make the code more usable.

This is hard because they did well. Great answering questions too.

If anything the presentation was limited due to time. Other than that it was very good. A but hard to follow due to time.

Give actual demos

Maybe to just go a bit slower, but otherwise, it was almost close to perfect!

I think that this presentation was really well done and doesn't need any major changes. A minor thing is that Ritvik should have had a matching background.

Adding more demonstration of the outputs on code that the compiler outputs would clarify the process more.

Maybe going over less topics but more in detail, makes it easier to follow.

Nothing I can think of

Outside of not needing the individual member's section (again, didn't think it was necessary and could have been replaced with something more relevant to the compiler), the rest of the presentation was pretty good.

I think what the group could have done to improve their performance is spend a bit more time explaining how they treated the indent/de-indent, if possible. That part was a bit unclear to me.

Less code on slides.

I think they did a good job

The only improvement I can think of would be to make sure the audio volume would be equalized across the presenters, there was someone who was quite a bit quieter than the rest.

They could have showed off more of their features that they implemented.

N/A

The presentation could be more concise.

It is perfect.

There is much, since the group had a well thought out presentation, it was very engaging

Frankly I don't have criticism, they were --unironically funny-- yet professional.

N/A

Maybe some more code output

Only gripe I have is what I mentioned in the dislikes presentation

Would have liked to see the project in action, a live demo

Not much, it was very well organized and presented.

Maybe add more sophisticated examples can view what their compiler can do.

To be honest, this group did not have many faults, if any.

On a different note, I have seen this kind of project a long long time ago. A quick google gives: <http://www.onelinerizer.com/> I am sure they spend a lot of time working on the project but it might be nice to mention if they used ideas from other places and talk about what techniques they decided to use, change or completed re-write.

nothing

If there was enough time, maybe the group could have done a demo/video to show the difference in time the flatlined code takes compared to multilined.
