Programming Competition

CEC 2024

CEC CCI

Candian Engineering Competition
Compétition canadienne d'ingénierie

LAND ACKNOWLEDGEMENT

The University of Calgary is located on the traditional land territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (including the Siksika, Piikuni, Kainai First Nations), the Tsuut'ina, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to Metis Nation of Alberta, Region 3.

RECONNAISSANCE DES TERRITOIRES

L'université de Calgary est située sur les territoires traditionnels des peuples de la région du traité no 7 du sud de l'Alberta, qui inclut les Premières Nations Pieds-Noirs (Siksika, Pikuni et Kainai), Tsuut'ina et Stoney Nakoda (Chiniki, Bearspaw et Goodstoney). La ville de Calgary est également la patrie de la nation métisse de la région 3 de l'Alberta.

Find optimal locations for obtaining resources while preserving/avoiding certain "preservation priorities"

En Francais

The problem En Francais

Environment Data (land, weather patterns, etc.)	Resource Location Data	Preservation Priority Location Data
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En Francais	En Francais	En Francais

What you've been given

En Francais

Code Deliverable

En Francais

Presentation Deliverable

En Francais

Live Demo

En Francais

What we expect

En Francais

Titre en francais

- Numero un en francais
- Numero deux en francais
- README.md
  - Numero un en francais
  - Numero deux en francais
  - **Attention en francais**

GitHub huit heure en francais

Code Deliverable

- Algorithm that solves the problem using at least one resource dataset and one preservation dataset
- Interface that visualizes the results
- README.md
  - The language and version your code uses
  - A list of required packages (i.e. Pandas, NumPy)
  - **Any specifications of this sort not included in the README cannot be assumed to be on the Directors' machine(s)**

Must be on your GitHub repository's main branch after 8 hours

Titre En Francais

- En Francais:
  - Numero un en francais
  - Numero deux en francais
  - Numero trois en francais

GitHub huit heure en francais

Presentation Deliverable

- Your presentation must outline:
  - The datasets you chose to incorporate and why
  - The design and implementation of your algorithm
  - The design choices that went into your interface

Must be on your GitHub repository's main branch after 8 hours

En Francais

- Numero un en francais
- Numero deux en francais
- **Numero trois en francais**
  - Attention en francais

Live Demo

- To be done in front of judging panel.
- Code will be run from one of the Directors' machines
- **Only code submitted before the 8 hour deadline will be considered**
  - We will use the latest version of code up until the 8 hour deadline

ANY MATERIALS PUSHED TO GITHUB AFTER THE 8 HOUR DEADLINE WILL NOT BE CONSIDERED

EN FRANCAIS

Questions?

En Francais

En francais @philippamadill et @sixtium

En francais #programming-programmation

En Francais

En francais

Questions?

How to ask

Create a ticket in Discord and ping @philippamadill and @sixtium

Your question will then be translated and the question and answer posted on the Discord in English and French in #programming-programmation

If a question cannot be answered, the question will be posted with an acknowledgement that it cannot be answered

Answers will be posted within xx minutes of receipt