Requirements Specification Document

Group number: 02

Lab Section: L01

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Graph Module

Template Module

Graph(ℕ)

Uses

YouTuber, Read

Syntax

Exported Constants

None

Exported Types

Graph = ?

Exported Access Programs

|  |  |  |  |
| --- | --- | --- | --- |
| Routine name | In | Out | Exceptions |
| new Graph | ℕ | Graph |  |
| addEdge | YouTuber, YouTuber |  |  |
| adj | YouTuber | ? |  |

YouTuber Module

Template Module

YouTuber

Uses

None

Syntax

Exported Constants

None

Exported Types

YouTuber = ?

Exported Access Programs

|  |  |  |  |
| --- | --- | --- | --- |
| Routine name | In | Out | Exceptions |
| new YouTuber | String, ℕ, String, String, String, ℕ | YouTuber |  |
| getCategory |  | String |  |
| getFollowers |  | ℕ |  |
| getJoinDate |  | String |  |
| getTitle |  | String |  |
| getVideos |  | ℕ |  |

Read File Module

Template Module

Read

Uses

YouTuber

Syntax

Exported Constants

None

Exported Types

Read = ?

Exported Access Programs

|  |  |  |  |
| --- | --- | --- | --- |
| Routine name | In | Out | Exceptions |
| new Read | String | Read |  |
| generateYouTuberList | String | Sequence of YouTuber |  |