Homework 10

1.

[ORGGoogle] began in [TIMEJanuary 1996] as a research project by [PERSLarry Page] and [PERSSergey Brin] when they were both PhD students at [ORGStanford University] in [LOCStanford, California]. Prior to the launch of [PRODHangouts], [ORGGoogle] had maintained several [RESmessaging services] and platforms across its suite of [PRODproducts]. These have included the enterprise-oriented [PRODGoogle Talk], [PRODGoogle+ Messenger], and the [PRODHangouts] feature of [PRODGoogle+], which provided [RESchat], [RESvoice], and [RESvideoconferencing] features.

2.

|  |  |
| --- | --- |
| Relations | Cases |
| Affiliations | * [PERSLarry Page] PHD student(s) at [ORGStanford University] * [PERSSergey Brin] PHD student(s) at [ORGStanford University] |
| Geospatial | * [ORGStanford University] in [LOCStanford, California] |
| Part-Of | * [RESHangouts], [ORGGoogle] |

3.

|  |  |  |
| --- | --- | --- |
| Student ID | Organization: | Stanford University |
| Students: | Larry Page and Sergey Brin |
| Location: | Stanford, California |
| Time: | January 1996 |

|  |  |  |
| --- | --- | --- |
| Organization ID | Organization: | Google |
| Products: | Google Talk, Google+ Messenger, Google+, Hangouts |
| Features: | Chat, voice, videoconferencing |

4.

Alice [OCCURENCEbegan] working on the problem shortly [TIMEafter noon]. Her boss had [OCCURENCEordered] it the [TIMEprevious week], stressing that it [REPORTINGhad to be done] by the [DATE10th of April]. However, her boss [OCCURENCEcame by] [TIMEbefore the end of work], [OCCURENCEsaying] the problem had been on the user’s end.

|  |  |  |
| --- | --- | --- |
| Temporal Expressions | Events | Temporal Relations |
| [after noon] – Relative Time | [began] – Occurrence | ? |
| [previous week] – Relative Time | [ordered] – Occurrence | ? |
| [10th of April] – Absolute Date | [had to be done] – Reporting | ? |
| [before the end of work] – Relative Time | [came by] – Occurrence | ? |
| - | [saying] - Occurrence | ? |

5. Thirteen Basic Relations

1. Precedes: (a < b < c < d)
2. Meets: (a < b = c < d)
3. Overlaps: (a < c < b < d)
4. Finished By: (a < c < b = d)
5. Contains: (a < c < d < b)
6. Starts: (a = c < b < d)
7. Preceded by: (c < d < a < b)
8. Met by: (c < d = a < b)
9. Overlapped by: (c < a < d < b)
10. Finishes: (c < a < b = d)
11. During: (c < a < b < d)
12. Started by: (c = a < d < b)
13. Equals: (a = c < b = d)

6.

Category: Facts & Figures - Guinness says the record they reject most often is for the longest chain of these office supplies

Fine-grained Tag: Entity: Other

Lexical Answer Types: Noun, Object

Category: 3-Letter Words - According to the cliché, “That’s just” this part “of the iceberg”

Fine-grained Tag: Description: Description

Lexical Answer Types: Noun, Portion

Category: People - Surprisingly, this man, Elvis’ manager, was born in Holland, & his real name is Andreas van Kujik

Fine-grained Tag: Human: Description

Lexical Answer Types: Pronoun, Name

Category: Perfume - Though Niki de Saint Phalle’s perfume shows 2 of these animals entwined on the bottle, people buy it anyway

Fine-grained Tag: Entity: Animal

Lexical Answer Types: Pronoun, Name