* Student:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| seatno | pmark | cmark | mmark | add |
| pin | password | name | rank | strid |
| colid |

* Preference:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| coursecode | strname | colname | strid | colid |

* Stream:

|  |  |
| --- | --- |
| strid | strname |

* College:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| colid | colname | addr | fees | grade |
| Type | mintype | quota |

* optfor:

|  |  |  |
| --- | --- | --- |
| seatno | coursecode | prefno |

* offers:

|  |  |  |
| --- | --- | --- |
| colid | strid | intake |

CREATE table "PREFERENCES" (

"COURSECODE" VARCHAR2(20) NOT NULL,

"STRNAME" VARCHAR2(20),

"COLNAME" VARCHAR2(20),

"STRID" NUMBER,

"COLID" NUMBER,

constraint "PREFERENCES\_PK" primary key ("COURSECODE")

)

/

ALTER TABLE "PREFERENCES" ADD CONSTRAINT "PREFERENCES\_FK"

FOREIGN KEY ("COLID")

REFERENCES "COLLEGE" ("COLID")

/

ALTER TABLE "PREFERENCES" ADD CONSTRAINT "PREFERENCES\_FK2"

FOREIGN KEY ("STRID")

REFERENCES "STREAM" ("STRID")

/

ALTER TABLE "PREFERENCES" ADD CONSTRAINT "PREFERENCES\_FK3"

FOREIGN KEY ("COLNAME")

REFERENCES "COLLEGE" ("COLNAME")

/

ALTER TABLE "PREFERENCES" ADD CONSTRAINT "PREFERENCES\_FK4"

FOREIGN KEY ("STRNAME")

REFERENCES "STREAM" ("STRNAME")

/