STATISTICS WORKSHEET 5 SOLUTIONS

1. SELECT * FROM movie ;
2. SELECT title FROM movie ORDER BY runtime DESC LIMIT 1 ;
3. SELECT title FROM movie ORDER BY revenue DESC LIMIT 1 ;
4. SELECT title FROM movie ORDER BY [revenue DESC],[budget DESC] LIMIT 1 ;
5. SELECT MOV.title, PER.person_name, GEN.gender, MCS.character_name, MCS.cast_order FROM movie MOV, movie_cast MCS, gender GEN, person PER WHERE MOV.movie_id=MCS.movie_id and MCS.gender_id=GEN.gender_id and PER.person_id=MCS.person_id ;
6. SELECT country_name, COUNT (movie_id) CNT FROM production_company PRC, country COU WHERE PRC.country_id=COU.country_id GROUP BY country_name ORDER BY CNT DESC LIMIT 1 ;
7. SELECT genre_id, genre_name FROM genre ;
8. SELECT language_name, COUNT(movie_id) CNT FROM language LAN, movie_languages ML WHERE ML.movie_id=LAN.movie_id GROUP BY language_name ;
9. SELECT title, T1.CAST_CNT, T2.CREW_CNT FROM (SELECT MOV.title, COUNT(CAS.person_id) CAST_CNT FROM movie MOV, movie_cast CAS WHERE CAS.movie_id=MOV.movie_id GROUP BY MOV.title) T1, (SELECT MOV.title, COUNT(CREW.person_id) CREW_CNT FROM movie MOV, movie_crew CREW WHERE CREW.movie_id=MOV.movie_id GROUP BY MOV.title) T2 WHERE T1.title=T2.title ;
10. SELECT TOP 10 title FROM movie ORDER BY popularity DESC ;
11. SELECT title, revenue FROM movie ORDER BY revenue DESC LIMIT 2,1
12. SELECT title FROM movie WHERE movie_status='rumoured' ;
13. SELECT MOV.title FROM movie MOV, production_country PRC, country COU WHERE COU.country_id=PRC.country_id and PRC.movie_id=MOV.movie_id AND country_name='United States of America' ORDER BY revenue DESC LIMIT 1
14. SELECT MC.movie_id, PC.company_name FROM movie_company MC, production_company PC WHERE MC.company_id=PC.company_id ;
15. SELECT TOP 20 title FROM movie ORDER BY budget DESC ;