Query no - 1.1

```
-- 4a: Average life expectancy (overall)
SELECT ROUND(AVG(`Life Expectancy UN 2024`)) AS Avg_Life_Expectancy
FROM world_life_expectancy_2024;
```

Answer:-

Avg_Life_Expectan...
74

Query no - 1.2

```
-- 4b: Average male life expectancy
SELECT ROUND(AVG(`Male Life Expectancy UN 2024`)) AS Avg_Male_Life_Expectancy
FROM world_life_expectancy_2024;
```

Answer:-

Avg_Male_Life_Expectan...
72

Query no - 1.3

```
-- 4c: Average female life expectancy
SELECT ROUND(AVG(`Female Life Expectancy UN 2024`)) AS Avg_Female_Life_Expectancy
FROM world_life_expectancy_2024;
```

Answer:-

Avg_Female_Life_Expectan...
77

Query no - 2

```sql
-- 5a: Top 10 countries by life expectancy
SELECT Country, `Life Expectancy UN 2024`
FROM world_life_expectancy_2024
ORDER BY `Life Expectancy UN 2024` DESC
LIMIT 10;
```

Answer:-

Country	Life Expectancy UN 20...
Monaco	86.5
San Marino	85.82
Hong Kong	85.63
Japan	84.85
South Korea	84.43
Saint Barthelemy	84.4
French Polynesia	84.19
Andorra	84.19
Switzerland	84.09
Australia	84.07

Query no - 2.2

```sql
-- 5b: Bottom 10 countries by life expectancy
SELECT Country, `Life Expectancy UN 2024`
FROM world_life_expectancy_2024
ORDER BY `Life Expectancy UN 2024` ASC
LIMIT 10;
```

Answer:-

Country	Life Expectancy UN 20...
Nigeria	54.63
Chad	55.24
Central African Republic	57.67
South Sudan	57.74
Lesotho	57.8
Somalia	58.97
Mali	60.67
Guinea	60.9
Benin	60.96
Burkina Faso	61.29

Query no - 3.1

```sql
-- 6a: Countries with life expectancy greater than 80
SELECT Country, `Life Expectancy UN 2024`
FROM world_life_expectancy_2024
WHERE `Life Expectancy UN 2024` > 80
ORDER BY `Life Expectancy UN 2024` DESC
LIMIT 5;
```

Answer:-

Country	Life Expectancy UN 20...
Monaco	86.5
San Marino	85.82
Hong Kong	85.63
Japan	84.85
South Korea	84.43

Query no - 3.2

```sql
-- 6b: Countries with life expectancy less than 60
SELECT Country, `Life Expectancy UN 2024`
FROM world_life_expectancy_2024
WHERE `Life Expectancy UN 2024` < 60
ORDER BY `Life Expectancy UN 2024`;
```

Answer:-

Country	Life Expectancy UN 20...
Nigeria	54.63
Chad	55.24
Central African Republic	57.67
South Sudan	57.74
Lesotho	57.8
Somalia	58.97

Query no - 4.1

```
-- 7a: Average gender gap across all countries
SELECT ROUND(AVG(`Female Life Expectancy UN 2024`) - AVG(`Male Life Expectancy UN 2024`), 2) AS Avg_GenderGap
FROM world_life_expectancy_2024;
```

Answer:-

Avg_GenderGap

5.21

Query no - 4.2

```
-- 7b: Top 10 countries with largest gender gap
SELECT Country, ROUND(`Female Life Expectancy UN 2024` - `Male Life Expectancy UN 2024`, 2) AS GenderGap
FROM world_life_expectancy_2024
ORDER BY GenderGap DESC
LIMIT 10;
```

Answer:-

Country	GenderGap
Russia	11.71
United States Virgin Islands	10.75
Ukraine	9.6
Georgia	9.48
Belarus	9.48
Lithuania	9.39
Vietnam	9.33
Mongolia	9.17
Palestine	9.03
Moldova	8.97

Query no - 5

```sql
-- 8: Difference between the highest and lowest life expectancy
SELECT ROUND(MAX(`Life Expectancy UN 2024`) - MIN(`Life Expectancy UN 2024`), 2) AS LifeExp_Difference
FROM world_life_expectancy_2024;
```

Answer:-

LifeExp_Differen...

31.87