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ROLL NUMBER : CS22M087
GROUP NUMBER : 15
ASSIGNMENT {individual}

Qpath on XML

1)//building/no_of_floors

Number of floors in the building

OUTPUT : 4

2)//shop/product/product_name[../product_price >1500]

Product names of price greater than 1500

OUTPUT :

Jeans

Hoodie

Xiaomi 11T pro 5g

Sterling silver stylish Ring

925 Sterling silver CZ Flower Shape Diamond Pendant

Blue CZ Earring

3)//resturant/res_name[normalize-space(../@non_veg)="yes"]

Name of resturants attribute given as vegeteriaan

OUTPUT :

Wow Momo

Dominos

4)//resturant/cuisine/price[normalize-space(../@name)="cold drink"]

Price of cold drink

OUTPUT :

50

5)//product/product_name[../product_price > 10000 and ../product_price< 50000
and

normalize-space(../@warrenty) > "0" and

../normalize-space(../@category_type)="Electronics"]

Product name in range 10000 and 50000 with 0 year warrenty and is electronic

OUTPUT :

Xiaomi 11T pro 5g

6)for \$i in //movie return \$i/movie_name[../@rating > "4.0"]

Iterate over movies and find movies with rating 4.0

OUTPUT : Avatar

XQUERY

1) for \$p in //parking return count(\$p/vehicles)

Number of vehicles in parking.

OUTPUT : 3

2) for \$p in //gaming_zone/games

where \$p//game_name = "Snooker"

return \$p//price_per_head

Display price of game SNOOKER per head

OUTPUT :

100

3) let \$dish := //resturant

where \$dish/@non_veg = "yes"

return \$dish//cuisine[price < 250]/name

Name of dishes which price is less than rs250 from non_veg resturant.

OUTPUT :

veg steamed momos

Burger

chickenwings

cold drink

cheese garlic bread

Lassi

Butter_naam

Lacha_paratha

4) for \$x in //shop/product

where \$x/product_price>1000 and \$x/product_price<5000

order by \$x/product_name

return

```
<product>
  <product_name>{data($x/product_name)}</product_name>
  <product_brand>{data($x/product_brand)}</product_brand>
</product>
```

Product name ,brand of items in shop under 5000 greater than 1000

OUTPUT :

```
925 Sterling silver CZ Flower Shape Diamond Pendant
Voylla
Blue CZ Earring
Voylla
Hoodie
Calvin klein
Jeans
Calvin Klein
Sterling silver stylish Ring
Voylla
T-Shirts
Calvin Klein
```

5) for \$i in //movie

where \$i/@rating > 3.5

return

```
<movie_detail>
  <movie_name>{data($i/movie_name)}</movie_name>
  <movie_rating>{data($i/@rating)}</movie_rating>
  <movie_duration>{data($i/movie_duration)}</movie_duration>
</movie_detail>
```

Movie details of rating greater than 3.5

OUTPUT :

```
Pathan
4.0
2.50hr
Avatar
4.5
3.00hr
```