1.
a) SELECT * FROM Gora WHERE visina >= 2000;
b) SELECT vrh FROM Gora WHERE vrh LIKE "S%" AND NOT "%Gora%";
c) SELECT vrh,datum FROM Pohod WHERE datum >= '2018-09-23' AND datum < '2018-12-21';
d) SELECT ime,priimek FROM Vodič ORDER BY letaizkusenj DESC limit 5;
e) SELECT AVG(visina) FROM Gora GROUP BY gorovje;
f) SELECT Vodič.ime FROM Vodič,Pohod,Gora WHERE Gora.koca == 0;

2.
a) $\prod$ ime, priimek(Vodič) - $\prod$ ime, priimek (σ Pohod.idvodic == Vodič.idvodic (Pohod $\bowtie$ Vodič))

b)
ρ(Temp1, $\prod$ idvodic (σ letaizkusenj $\geq$ 5 (Vodič)))
ρ(Temp2, $\prod$ idvodic (σ velikostskupine $\geq$ 30 (Pohod))
$\prod$ ime, priimek (Temp1 $\cap$ Temp2)

c) $\prod$ gorovje U $\prod$ count(vrh $\bowtie$ gorovje)

3.
a) {<GVr>|<GVr,GVi,GK> $\in$ Gora $\land$ GVi > 1800 $\land$ GK = 1}

b) {<VP>|<VP> $\in$ Vodič $\land$ $\exists$ PD, PVr(<PD,PVr> $\in$ Pohod $\land$ PD = '2022-05-01' $\land$ PVr = "Triglav")}

c) {<VP>|<VP,VId> $\in$ Vodič $\land$ ¬($\exists$ PI(<PI> $\in$ Pohod $\land$ VId = PI))}