



```
CLA s21 (A[41:40], B[41:40], CIN20, SUM[41:40], CIN21);
CLA s22 (A[43:42], B[43:42], CIN21, SUM[43:42], CIN22);
CLA s23 (A[45:44], B[45:44], CIN22, SUM[45:44], CIN23);
CLA s24 (A[47:46], B[47:46], CIN23, SUM[47:46], CIN24);
CLA s25 (A[49:48], B[49:48], CIN24, SUM[49:48], CIN25);
CLA s26 (A[51:50], B[51:50], CIN25, SUM[51:50], CIN26);
CLA s27 (A[53:52], B[53:52], CIN26, SUM[53:52], CIN27);
CLA s28 (A[55:54], B[55:54], CIN27, SUM[55:54], CIN28);
CLA s29 (A[57:56], B[57:56], CIN28, SUM[57:56], CIN29);
CLA s30 (A[59:58], B[59:58], CIN29, SUM[59:58], CIN30);
CLA s31 (A[61:60], B[61:60], CIN30, SUM[61:60], CIN31);
CLA s32 (A[63:62], B[63:62], CIN31, SUM[63:62], CIN32);
endmodule
```