

1000	fa,01,01,13	add sp,sp,-96
1004	04,01,2e,23	sw zero,92(sp)
1008	02,80,00,6f	j 1048
1012	05,c1,27,83	lw a5,_____
1016	00,27,97,93	sll __,__,_
1020	06,07,87,93	add a_,__,_
1024	00,27,87,b3	add a_,__,_
1028	05,c1,27,03	lw a4,_____
1032	fa,e7,a6,23	sw a4,_____
1036	05,c1,27,83	lw a5,92(sp)
1040	00,17,87,93	add a5,a5,1
1044	04,f1,2e,23	sw a5,92(sp)
1048	05,c1,27,03	lw a4,92(sp)
1052	01,30,07,93	li a5,19
1056	fc,e7,da,e3	bge a5,a4,1012
1060	00,00,07,93	li a5,0
1064	00,07,85,13	mv a0,a5
1068	06,01,01,13	add sp,sp,96
1072	00,00,00,67	ret

```

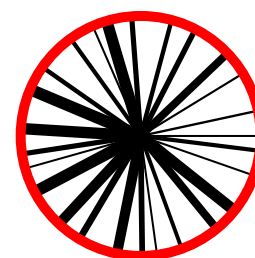
int main(void) {
    int data[20];

    for (int i = 0; i < 20; i++) {
        data[i] = i;
    }

    return 0;
}

```

1076	00,00,00,00	
1080	00,00,00,00	
1084	00,00,00,00	
1088	00,00,00,00	
1092	00,00,00,00	
1096	00,00,00,00	
1100	00,00,00,00	
1104	00,00,00,00	
1108	00,00,00,00	
1112	00,00,00,00	
1116	00,00,00,00	
1120	00,00,00,00	
1124	00,00,00,00	
1128	00,00,00,00	
1132	00,00,00,00	
1136	00,00,00,00	
1140	00,00,00,00	
1144	00,00,00,00	
1148	00,00,00,00	
1152	00,00,00,00	
1156	00,00,00,00	
1160	00,00,00,00	
1164	00,00,00,00	
1168	00,00,00,00	
1172	00,00,00,00	
1176	00,00,00,00	
1180	00,00,00,00	
1184	00,00,00,00	
1188	00,00,00,00	



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